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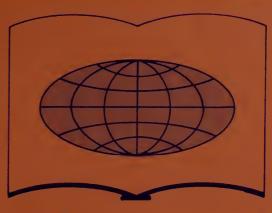
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Volume 5 April 11, 1969 Number 8



U.S. DEPARTMENT OF AGRICULTURE

PESTICIDES DOCUMENTATION BULLETIN

A Bi-Weekly Publication of U.S. Department of Agriculture

OBJECTIVES AND SCOPE

The Pesticides Documentation Bulletin is compiled by the National Agricultural Library's Pesticides Information Center to facilitate national research efforts in all aspects of pest control. This bi-weekly index to the literature includes coverage of diseases, insects, nematodes, parasites, weeds and other pests affecting plants, animals, man, our natural resources and other values in man's environment. Special emphasis is given to the literature on toxicological, physiological and epidemiological aspects of pests and their control by chemical biological and integrated methods.

For broader coverage of literature on agriculture and related subjects, please consult the *Bibliography of Agriculture*, a monthly publication of the National Agricultural Library.

FORMAT

The *Bulletin* is a categorized bibliography, with citations arranged alphabetically by author under the following major subjects:

- 10 Entomology
- 20 Crop Protection
- 30 Livestock Protection
- 40 Commodity Protection
- 50 Environmental Contamination
- 55 Residues
- 60 Toxicology
- 65 Plant Physiology & Biochemistry
- 70 Chemistry
- 80 Engineering
- 90 Industry

Citations: Each citation consists of an accession number assigned serially with the last two digits representing the Bulletin's issue year, i.e. 3286-67. The citation number (minus the year) is used in all indices. Following the accession number is the full title of the article; all personal authors; an abbreviated journal title; volume, issue and inclusive page numbers; date of publication; language abbreviation, if other than English; and the National Agricultural Library's call number. Subject descriptors, patent or grant numbers, bibliographer's notes, and abstracts or extracts may follow each citation when appropriate.

Subject Index: Subject descriptors appear in the index followed by title arranged numerically by accession number. The Agricultural/Biological Vocabulary developed by the National Agricultural Library is used as a basic thesaurus of descriptors.

Biographical Index: Names of first authors are arranged alphabetically, followed by organizational affiliation and accession number.

Author Index: Names of personal authors are arranged alphabetically, followed by accession numbers of pertinent citations.

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Other Files

In addition to the citations contained in the Bulletin, the Pesticides Information Center maintains two other files, the INTREDIS Register and the Herbicides Data File.

The INTREDIS Register is a computer data bank in the field of forest pathology. It contains title and author references to abstracted articles including subject, country, host plant genus or species, organisms causing the diseases, abstracting journal and year of publication. The computer search uses boolean parameters in any combination of elements listed.

The Herbicides Data File consists of reports on field tests conducted by the Crops Protection Research Branch, Crop Research Division, Agriculture Research Service. Each test record contains the following items of information:

Compound Tested
Company furnishing the compound

Author or Investigator Test Sponsor

Date

Location

Mode of Application

Rates of Application

Soil Types

Carriers

Crops or Weeds tested with phytotoxicity ratings

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ACKNOWLEDGMENT

The Pesticides Information Center, National Agricultural Library, gratefully acknowledges the cooperation and assistance of the Department of Defense; Health, Education, and Welfare; and Interior; the Federal Committee on Pest Control, and state and industrial organizations in the development of the Center and preparation of this Bulletin. Special thanks are expressed to the Federal Committee on Pest Control for its suggestions and support. We hope the Bulletin will serve as an example of the effectiveness of interdepartmental cooperation and the speed with which effective services can be developed through a coordinated and cooperative interdepartmental effort.

Use of funds for printing this publication approved by the Director of the Bureau of the Budget (May 23, 1968).

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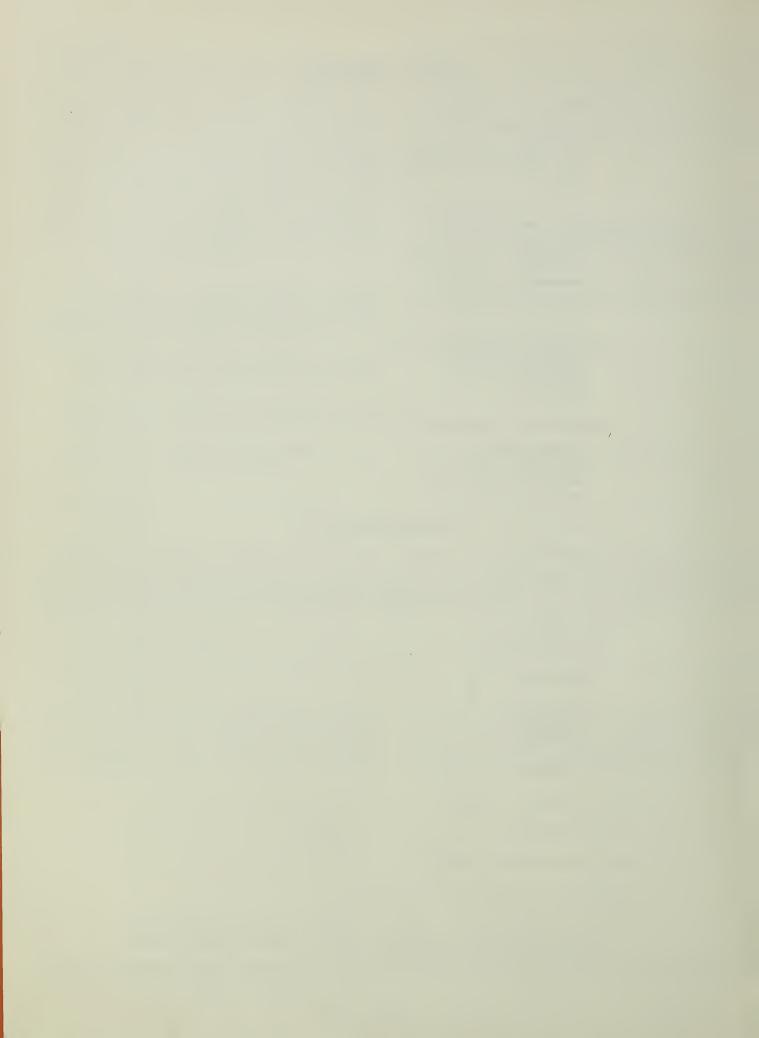
CAUTION: Pesticides can be injurious to humans, domestic animals, desirable plants, and fish or other wildlife—if they are not handled or applied properly. Use all pesticides selectively and carefully. Follow recommended practices for the disposal of surplus pesticides and pesticide containers.

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^{*}This issue does not contain citations under this category.



ENTOMOLOGY

THE BOLL WEEVIL; HOW TO CONTROL IT. PART II.

Anonymous

Pest Contr Oper News 27(7):19-20 Jul 1967 SB951.A1P4

Anthonomus grandis, Chemical control (insects), Chemicals, Dusting, Insecticide application, Plant pest resistance, Spraying, Tables (data).

OBSERVATIONS ON THE PRESERVATION OF LEPIDOPTERA SPECIMENS. (FR

J Bourgogne

Alexanor 5(4):164-165 27 Dec 1967 421 AL2

Insect preservation, Lepidoptera. Article will be continued.

4350-69

APHIDIUS SMITHI SHARMA AND SUBBA RAO (HYMENOPTERA: APHIDIIDAE) A PARASITE OF THE PEA APHID NEW IN SOUTHERN ON-TARIO.

M J P Mackauer H E Bisdee

Entomol Soc Ontario Proc

1964 420 ON8

Acyrthosiphon pisum, Aphidius smithi, Insect behavior, Insect biology, Insect rearing, Parasitic insects.

4351-69

THE ENTOMOLOGICAL YEAR 1966. (FR)

P Rougeot

Alexanor 5(1):11-18 13 Apr 1967 421 AL2

Entomology, Insect collection, Reviews, Weather. Several entomologists report on their work during 1966.

4352-69

CHOICE OF RESTING SITE BY NOCTUIDAE (LEPIDOPTERA).

J Sharplin

Entomol Mon Mag (SER 4)99(277-9,JAN-MAR):53-62 REF

1963 421 EN86

Color, Environment, Insect behavior, Insect cages, Noctuidae, Research, Tables (data), Traps.

SYSTEMATICS

4353-69

ECTOPARASITIC MITES (ACARINA: PARASITIFORMES) FROM SMALL MAMMALS FROM THE TARNASJO AND AMMARNAS AREAS IN SWEDISH LAPLAND.

Entomol Tidskr 89(3-4):269-277 REF

31 Dec 1968 421 EN891

Gamasid mites, Insect geography, Insect taxonomy, Parasitic mites.

4354-69

OPSIUS STACTOGALUS FIER CICADELLIDAE) IN S. E. LONDON. FIEB. (HEM.,

Entomol Mon Mag (SER 4)99(277-9, JAN-MAR):3

1963 421 EN86

Insect behavior, Opsius stactogalus, Research.

BEES OF THE NEVADA TEST SITE.

D M Allred

Great Basin Natur 29(1):20-24

28 Mar 1969 410 G79

Apoidea, Insect ecology, Insect taxonomy, Surveys.

4356-69

LEPIDOPTERA OF THE NEVADA TEST SITE.

D M Allred

Great Basin Natur 29(1):42

28 Mar 1969 410 G79

Insect identification, Lepidoptera, Surveys.

4357-69

STUDY OF THE GENUS RHYTIDODUS FIEB. (HOMOPTERA, AUCHENORRHYNCHA) WITH DESCRIPTION OF TWO NEW SPECIES FROM THE SOVIET UNION.

G A Anufriev

Entomol Tidskr 89(3-4):177-187 REF

31 Dec 1968 421 EN891

Cicadellidae, Insect taxonomy, Zoogeography.

A RECORD OF MEGACHILE ROTUNDATA (F.) FROM ASHCROFT. BRITISH COLUMBIA.

J C Arrand J Corner

Entomol Soc Brit Columbia Proc 65:12

01 Aug 1968 420 B77

Alfalfa, Insect identification, Megachile rotundata, Pollination, Zoogeography.

A NEW CROMPUS FROM NEW CALEDONIA. (HEMIPTERAHETEROPTERA: LYGAEIDAE).

P D Ashlock

Pacific Insects 9(3):501-503

20 Aug 1967 421 P11

Catalogs, Insect taxonomy, Lygaeidae.

CHALICIDOIDEA (HYMENOPTERA) IN THE MANCHESTER MUSEUM. PART 5.

R R Askew

Entomologist (london) 100(1250):177-180

Jul 1967 421 EN8

Catalogs, Chalcidoidea, Insect taxonomy.

4361-69

LISTING OF TRIFID NOCTUIDAE OF FRANCE AND BELGIUM. (FR)

Ch Boudsin

Alexanor 5(4):185-192

27 Dec 1967 421 AL2

Insect taxonomy, Noctuidae, Zoogeography. Continuation and will be continued.

4362-69

VALLEY **CENTIPEDES** (CHILOPODA, SYMPHYLA) FROM NORTHERN KENTUCKY.

B A Branson D L Batch

Ky Acad Sci Trans 28(1-4):77-89 MAP 1967 500 K41

Insect taxonomy, Surveys, Symphyla, Zoogeog-

4363-69

TAXONOMIC NOTES ON THE LARVA OF BRITISH DIPTERA. NO. 25, THE LARVA AND PUPA OF DIOCTRIA RUFIPES (DEGEER) (ASILIDAE).

A Brindle

Entomologist (london) 101(1264):213-216

Sep 1968 421 EN8

Asilidae, Dioctria rufipes, Diptera, Larvae, Pupae, Taxonomy, Zoogeography.

4364-69

THE NORTHERN SPECIES OF COLEOPTERA GROUP BAGOUS (CURCULIONIDAE) TOGETHER WITH A TAXONOMIC KEY (PRINCIPALLY FOR THE SERVICE OF YOUNG ENTOMOLOGISTS). (SW)

N Bruce

Entomol Tidskr 89(3-4):229-241 REF

31 Dec 1968 421 EN891

Curculionidae, Insect geography, Insect taxonomy. German abstract.

FIRST RECORDS OF EYE-FREQUENTING MOTHS FROM CEYLON.

W Buttiker

Ceylon J Sci Biol Sci 7(1/2):91-95 MAP

Oct 1967 475 C33

Animals, Cattle, Draft buffaloes, Eyes, Geometridae, Insect pests, Moths, Pyralidae, Zoogeography.

4366-69

SIX NEW SPECIES OF MEMBRACIDAE (HEMIPTERA: HOMOPTERA) FROM SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(1):197-207 Mar 1968 420 EN86

Insect taxonomy, Membracidae.

A NEW GENUS AND SPECIES OF PSYLLIDAE (HOMOPTERA) FROM SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(2):361-364

Sep 1968 420 EN86

Insect taxonomy, Psyllidae.

THE GENUS GARGARA ANYOT SERVILLE (HOMOPTERA: MEMBRACIDAE) IN SOUTH AFRICA.

A L Capener

Entomol Soc Southern Afr J 31(1):181-183

Mar 1968 420 EN86

Insect taxonomy, Membracidae.

ON A COLLECTION OF TERMITES FROM DAMAN.

P N Chatterjee M L Thakur

Indian Forest 94(7):560-570 Jul 1968 99.8 IN2

Climate, Insect collection, Insect taxonomy, Termites, Zoogeography.

THE COLLEMBOLA OF SOUTH AFRICA--2: THE GENUS SEIRA.

T J Coates

Entomol Soc Southern Afr J 31(2):435-462 MAP

Sep 1968 420 EN86

Catalogs, Collembola, Insect taxonomy.

THE COLLEMBOLA OF SOUTH AFRICA--I: THE GENUS NEANURA.

T J Coates

Entomol Soc Southern Afr J 31(1):185-195 Mar 1968 420 EN86

Collembola, Insect taxonomy.

4372-69

THE DISCOVERY IN FRANCE OF THE ACARINA NEMATALYCIDAE STRENZKE WHILE ORGANIZING THE MATERIAL FROM LANGUEDOC-ROUSILLON. (FR)

Y Coineau A Fize C Delamare-Deboutteville Acad Sci Compt Rend Ser D Sci Nat 265(9, 2ND SEMESTER):685-688

28 Aug 1967 505 P21

Acarina, Insect taxonomy, Zoogeography.

COLEOPTERA OF NORTHEAST AFRICA. BRENTIDAE. (FR)

R Damoiseau

Notulae Entomol 48(4):169-174 MAP

1968 421 N84

Brentidae, Catalogs, Zoogeography. English abstract

4374-69

COLEOPTERA OF NORTHEAST AFRICA. BOSTRYCHIDAE. (FR)

R Damoiseau

Notulae Entornol 48(4):175-178

1968 421 N84

Bostrychidae, Insect geography.

BIOLOGY AND CONTROL OF NATIVE AND INTRODUCED FOREST INSECTS IN THE NEARCTIC ZONE.

M L Drebble

Entomol Soc Amer Bull 14(2):95-98

Jun 1968 423.9 EN8

ENTOMOLOGY

4376-69

BIBLIOGRAPHY

Chemical control (insects), Chlorinated hydrocarbons, DDT, Environment, Forest insects, Insect biology, Insect control, Insect outbreaks, Population statistics, Spraying.

ZANCLOGNATHA TENUIALIS REBEL IN FRANCE (IN ALSACE AND L'ISERE). (LEP. NOCTUIDAE, HYPENINAE). (FR)

Cl Dufay

Alexanor 5(4):161-163 27 Dec 1967 421 AL2

Agrostis, Hypeninae, Insect taxonomy, Noctuidae, Phalaris, Plant hosts, Zanclognatha tenuialis, Zoogeography. Contribution to the study of Noctuidae Quadrifides no.23 for no. 22 see Alexanor vol.5 p.133.

4377-69

PANTHEA COENOBITA ESP. IN THE FRENCH (LEPIDOPTERA NOCTUIDAE PANTHEINAE). (FR)

Cl. Dufay

Alexanor 5(3):133-135 REF 21 Sep 1967 421 AL2

Lepidoptera, Noctuidae, Zoogeography.

TWO DOLICHOPODIDAE (DIPTERA) FROM ST. HELENA ISLAND SOUTH ATLANTIC.

Entomologist (london) 100(1250):174-176 REF Jul 1967 421 EN8

Diptera, Dolichopodidae, Insect taxonomy.

4379-69

THE OCCURRENCE OF THE SOLITARY WASP PTEROCHILUS PHALERATUS PANZ. IN THE SCANDINAVIAN COUNTRIES (HYM. EU-MENIDAE).

S Erlandsson

Entomol Tidskr 89(3-4):173-176 MAP REF

31 Dec 1968 421 EN891

Eumenidae, Insect geography, Insect identification.

4380-69

COLEOPTERA FROM NORTHEAST AFRICA.
MORDELLIDAE. SUPPLEMENT:
PARACONALIA N. GEN. A NEW GENUS FROM
SOUTH AMERICA. 64. CONTRIBUTION TO
THE KNOWLEDGE OF THE MORDELLIDS. (GE)

K Ermisch

Notulae Entomol 48(4):221-240 MAP

1968 421 N84

Insect taxonomy, Mordellidae, Paraconalia, Zoogeography.

NEW SPECIES OF MEROMYZA MG. (DIP-TERA, CHLOROPIDAE) FROM TRANS-BAYKALIA.

L I Fedoseyeva

Entomol Rev 46(2, APR-JUN):257-258

Jun 1967 421 R322AE

Catalogs, Chloropidae, Diptera, Insect taxonomy.

NEW MALTHODES FROM WESTERN NORTH AMERICA (COLEOPTERA: CANTHARIDAE).

K M Fender

Northwest Sci 42(3):108-111

Aug 1968 470 N81

Cantharidae, Catalogs, Insect taxonomy, Zoogeography.

STUDIES OF BLACK FLIES OF PANAMA. III. TWO NEW SPECIES OF SIMULIUM OF THE SUBGENUS HEMICNETHA.

G Field

Entomol Soc Amer Ann 62(1):157-163

15 Jan 1969 420 EN82

Insect anatomy, Insect identification, Insect taxonomy, Simuliidae.

The two new species are compared with and distinguished from S. earlei, S. guerrerense, S. mexicanum, S. paynei, S. pulverulentum, S. smarti, S. yepocapense.

4384-69

NEARCTIC SPECIES OF THE GENUS SYNAL-DIS FOERSTER (HYMENOPTERA, BRACONIDAE, ALYSIINAE). (GE)

M Fischer

Pol Pismo Entomol 37(3):431-478

30 Oct 1967 421 P76

Braconidae, Insect identification, Insect taxonomy. Polish summary. 18 new species are discussed.

4385-69

CONTRIBUTION TO THE KNOWLEDGE OF THE HOSTS OF THE GENUS OPIUS (HYMENOPTERA, BRACONIDAE). (GE)

M Fischer

Entomophaga 7(2):79-90

1962 421 EN835

Braconidae, Diptera, Insect pests, Insect taxonomy, Opius, Parasitic insects, Plants, Zoogeography. English summary

SEVERAL DISCOVERIES OF TIPULIDAE AND LIMONIIDAE (DIPT.) FROM CORSICA. (GE)

S Gaunitz

Entomol Tidskr 89(3-4):278

31 Dec 1968 421 EN891

Limoniidae, Tipulidae.

4387-69

SPECIES OF ASTEROLECANIUM (HOMOPTERA: COCCOIDEA: ECANIIDAE) FROM SOUTH A NEW TARG. ASTEROLECANIIDAE) AFRICA.

J H Giliomee J Munting

Entomol Soc Southern Afr J 31(1):221-229

Mar 1968 420 EN86

Asterolecaniidae, Insect taxonomy,

4388-69

CHRYSOMELID BEETLES FROM PAPUAN SUBREGION, 5 (EUMOLPINAE, 3).

J.L. Gressitt

Pacific Insects 9(3):551-562

20 Aug 1967 421 P11

Catalogs, Chrysomelidae, Insect taxonomy.

LEPIDOPTERA OF SOUTHERN SPAIN.

W Hackman

Notulae Entomol 48(4):149-168 REF

1968 421 N84

Catalogs, Insect taxonomy, Lepidoptera, Zoogeog-

raphy.

4390-69 NEW EUROPEAN ORTHOPTERA. (GE)

K Harz

Zool Beitr 13(2-3):471-477

1967 410 Z753

Insect reproduction, Insect taxonomy, Orthoptera.

NEW GENERA AND SPECIES OF CHALCID FLIES (HYM., CHALCIDOIDEA) AND A NEW SPECIES OF FOENATOPUS SMITH (HYM., ICHNEUMONIDAE, STEPHANIDAE) FROM HOGGAR.

K J Hedqvist

Schweiz Entomol Ges Mitt 39(3/4):180-190 REF

15 Apr 1967 420 SW6

Chalcedectes niger, Chalcedectoides saharensis, Foenatopus hoggarensis, Ichneumonidae, Insect taxonomy, Oodera hoggarensis, Stephanidae, Zoogeography. French summary.

4392-69

BURMESE ICHNEUMONINAE V. 32. GENUS NAENARIA CAMERON. (GE)

G H Heinrich

Entomol Tidskr 89(3-4):197-228

31 Dec 1968 421 EN891

Catalogs, Hymenoptera, Insect geography, Insect taxonomy.

A NEW SOMATINA OF THE (LEPIDOPTERA GEOMETRIDAE). (FR SOMATINA OF THE CONGO. C Herbulot

Lambillionea 66(5/6):42-43

25 Apr 1967 420 N15

Geometridae, Insect taxonomy, Somatina hombergi.

4394-69

A CONTRIBUTION TO THE KNOWLEDGE OF THE CERAMBYCIDAE AND THE OEDEMERIDAE OF IRAN. (GE)

L Heyrovsky

Iran Inst Rech Entomol Phytopathol Entomol

Phytopathol Appl (26):37-40

Nov 1967 464.9 P432

Cerambycidae, Insect taxonomy, Oedemeridae. Persian translation. list and short description of many species.

4395-69

A REVISION OF THE COSMOPTERIGIDAE OF AMERICAN NORTH OF MEXICO, WITH A DEFINITION OF THE MOMPHIDAE AND WALSHIIDAE (LEPIDOPTERA: GELECHIOIDEA).

R W Hodges

Entomol Amer (N s)42:1-166 REF

1962 420 B792

Gelechioidea, Insect taxonomy, Momphidae, Walshiidae, Zoogeography.

FURTHER NOTES ON THE GENUS PUL-VINARIA TARG. (HOMOPTERA: COCCOIDEA) FROM THE ETHIOPIAN REGION.

C J Hodgson

Entomol Soc Southern Afr J 31(1):141-174 REF Mar 1968 420 EN86

Coccoidea, Insect taxonomy.

RECORDS OF OHIO FLEAS (SIPHONAPTERA).

J G Humphreys

Ohio J Sci 67(3):186-190 REF

May 1967 410 OH3

Entomology, Insect identification, Insect taxonomy, Siphonaptera, Zoogeography.

Species mentioned are: Chaetopsylla lotoris, Conorhinopsylla stanfordi, Doratopsylla blarinae, Epitedia wenmanni testor, Stenoponia americana, Peromyscopsylla scotti, and Oropsylla arctomys.

ALEOCHARA STICHAI LIKOVSKY (COL., STAPHYLINIDAE) NEW TO BRITAIN.

C Johnson

Entomologist (london) 100(1246):64-65 Mar 1967 421 EN8

Insect taxonomy, Staphylinidae.

HYPOCYPHTUS NITIDUS PALM (COL., STAPHYLINIDAE) IN OXFOROSHIRE: AN ADDITION TO THE BRITISH LIST.

C Johnson

Entomologist (london) 100(1251):193-195

Aug 1967 421 EN8

Catalogs, Insect taxonomy, Staphylinidae. This article is the personal consideration of the author.

NEW SPECIES OF MEUBELIA WILLEMSE, 1932, FROM THE PHILIPPINES (ORTHOP-TERA: PYRGOMORPHIDAE).

D K McE Kevan

Pacific Insects 9(3):437-446 MAP 20 Aug 1967 421 P11

4401-69

A NEW GENUS AND SPECIES OF SCIO-MYZIDAE FROM TANZANIA, WITH A KEY TO THE GENERA OF THE ETHIOPIAN RE-GION AND DISTRIBUTIONAL NOTES (DIP-TERA: FACALYPTRATAE).

L V Knutson

Entomol Soc Southern Afr J 31(1):175-180

Acrididae, Insect taxonomy, Zoogeography.

Mar 1968 420 EN86

Insect taxonomy, Sciomyzidae, Zoogeography.

A STUDY OF NEUQUENAPHIS BLANCHARD, 1939, WITH DESCRIPTIONS OF NEW SPECIES (APHIDIDAE, HOMOPTERA).

D H R Lambers

Tijdschr Entornol 111(7):257-286

27 Dec 1968 421 T21

Aphididae, Insect biology, Insect taxonomy.

TABANIDAE (DIPTERA) OF THE NETHER-LANDS. (FR)

M Leclercq

Leiden Rijksmuss Natuur Hist Zool Bijdragen (9):34P MAP REF

1967 410.9 L59ZO

Diptera, Insect identification, Insect taxonomy, Tabanidae, Zoogeography.

4404-69

CHROMOSOME STUDIES AND SYSTEMATICS OF GRYLLINAE (INSECTA ORTHOPTERA). (FR)

Y Leroy

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2307-2310

08 May 1967 505 P21

Chromosomes, Gryllinae, Insect genetics, Insect taxonomy.

A NOTE ON THE FAMILY EUPTYCHIA (S. L.) (LEP. SATYRIDAE). (FR

H de Lesse

Lambillionea 66(5/6):34-39

25 Apr 1967 420 N15

Euptychia, Euptychia arius, Insect taxonomy, Satyridae.

FOUR NEW SAWFLIES FROM SWEDEN (HYMENOPTERA, SYMPHYTA). (GE

E Lindqvist

Entomol Tidskr 89(3-4):192-196

31 Dec 1968 421 EN891

Insect taxonomy, Symphyta.

DISTRIBUTION AND DISTRIBUTIONAL CEN-TERS OF NORTH ATLANTIC INSECTS.

C H Lindroth

Entomol Soc Amer Bull 14(2):91-95 MAP

Jun 1968 423.9 EN8

Agonum muelleri, Anarta lapponica, Insect dissemination, Insect ecology, Insects, Micralymma marinum, Plusia parilis.

4408-69

SYSTEMATICS OF THE CRYP-TOCEPHALINAE (COLEOPTERA, CHRYSOMELIDAE) FROM SOVIET CENTRAL ASIA AND KAZAKHSTAN.

I K Lopatin

Entomol Rev 46(1, JAN-MAR):126-131

Mar 1967 421 R322AE

Chrysomelidae, Insect taxonomy, Zoogeography.

ON THE GENUS DIALINEURA RONDANI, 1856 (DIPTERA, THEREVIDAE).

L Lyneborg

Entomol Tidskr 89(3-4):147-172 REF

31 Dec 1968 421 EN891

Catalogs, Insect geography, Insect taxonomy, Therevidae.

CONTRIBUTION TO THE SYSTEMATICS AND ZOOGEOGRAPHY OF HALTICINAE (COL.) IN THE CANARY ISLANDS. (GE)

J Madar J Madar

Acta Ent Bohemoslov 65(2):138-151 MAP REF 1968 420 C33

Halticinae, Insect anatomy, Insect ecology, Insect identification, Reproductive organs, Zoogeography. English and Czech summaries, eight other species of the heyrovskya are described.

4411-69

A REVIEW OF DARKLING BEETLES OF THE TRIBE LEPTODINI (COLEOPTERA. TENEBRIONIDAE).

G S Medvedev

Entomol Rev 46(2,APR-JUN):211-214 MAP

Jun 1967 421 R322AE

Catalogs, Insect taxonomy, Tenebrionidae, Zoogeography.

4412-69

ICHNEUMONIDAE (HYMENOPTERA) COLLECTED IN PADDY FIELDS OF THE ORIENT, WITH DESCRIPTIONS OF NEW SPECIES. PART 2. SUBFAMILIES PORIZONTINAE, METOPIINAE AND DIPLAZONTINAE.

S Momoi K Kusigemati A Nakanishi

Mushi 41(16):201-214

28 Mar 1968 421 M97

Catalogs, Ichneumonidae, Insect taxonomy, Rice, Surveys, Zoogeography.

LEPIDOPTERA COLLECTED IN A LIGHT TRAP DURING THE WINTER 1962/63 IN AS-SIUT, EGYPT.

J Moucha J Zahradnik

Acta Ent Bohemoslov 65(2):152-158 REF

1968 420 C33

Arctiidae, Insect collecting equipment, Insect identification, Insect taxonomy, Lepidoptera, Light traps, Lycaenidae, Noctuidae, Pyralidae, Sphingidae. Czech summary. many species of the above genera are listed.

NEW SYNONYMY IN THE SOUTH AFRICAN **GENUS** SYNAPTOTHRIPS TRYBOM (THYSANOPTERA) WITH A KEY TO THE SPE-CIES.

L A Mound

Entomol Soc Southern Afr J 31(1):87-95 REF

Mar 1968 420 EN86

Catalogs, Insect taxonomy, Thripidae.

4415-69

NEW AND LITTLE KNOWN ARMOURED SCALES (HOMOPTERAI DIASPIDIDAE) FROM SOUTH AFRICA. 4.

J Munting

Entomol Soc Southern Afr J 31(2):417-433

Sep 1968 420 EN86

Catalogs, Diaspididae, Insect evolution, Insect tax-

4416-69

NEW PALEARCTIC SPECIES OF THE GENUS CYPHON PAYK. IV. STUDIES ON THE HELODIDAE FAMILY. IX. (GE)

T Nyholm

Entomol Tidskr 89(3-4):250-254

31 Dec 1968 421 EN891

Cyphon, Helodidae, Insect taxonomy, Zoogeog-

4417-69

RECORDS AND DESCRIPTIONS OF PALEARC-TIC AND SOUTH ASIATIC LASPEYRESIINI (LEPIDOPTERA: TORTRICIDAE).

N S Obraztsov

N Y Entomol Soc J 76(4):224-239 REF

Dec 1968 420 N48J

Catalogs, Insect taxonomy, Tortricidae.

4418-69

A REVISION OF THE SUBGENUS HIRTODROSOPHILA OF THE OLD WORLD, WITH DESCRIPTIONS OF SOME NEW SPECIES AND SUBSPECIES (DIPTERA, DROSOPHILIDAE, DROSOPHILA).

T Okada

Mnshi 41(1):1-36 REF

10 Aug 1967 421 M97

Catalogs, Drosophila, Insect taxonomy, Surveys, Zoogeography.

4419-69

A NEW SCHISTOGLOSSA SPECIE FROM SWEDEN (COL. STAPHYLINIDAE, ALEOCHARINAE). (GE)

T Palm

Entomol Tidskr 89(3-4):248-249

31 Dec 1968 421 EN891

Insect taxonomy, Staphylinidae.

4420-69

APHIDS FROM THE **SUBTRIBE SCHIZOLACHNINA** (APHIDOIDEA, LACHNINAE) IN MIDDLE EUROPE.

A Pintera

Acta Ent Bohemoslov 65(2):100-111 REF

1968 420 C33

Aphididae, Insect anatomy, Insect identification, Insect taxonomy, Zoogeography. Czech summary.

4421-69

CONCERNING THE TAXONOMIC CLARIFI-CATION OF NARRAGA TESSULARIA ILIA WHLI AND SOME REMARKS ABOUT THIS GENUS. (LEPIDOPTERA, GEOMETRIDAE). (GE)

D Povolny J Moucha

Acta Ent Bohemoslov 59(2):152-155

20 Apr 1962 420 C33

Geometridae, Insect taxonomy, Zoogeography. Czech summary.

4422-69

A NEW SUBGENUS AND NEW SPECIES OF FRANCISCOLOA CONCI (MALLOPHAGA: MENOPONIDAE).

R D Price

Pacific Insects 9(3):511-517

20 Aug 1967 421 P11 Insect taxonomy, Menoponidae.

4423-69

STENUS AND MEGALOPINUS MOTSCHULSKY GENERA AND REMARKS ON THE SUBGENUS TESNUS REY, WITH A TABLE OF THE PALEARCTIC REPRESENTATIVES (COLEOPTERA, STAPHYLINIDAE). (54. CONTRIBUTION TO THE KNOWLEDGE OF THE STENUS GENUS). (GE)

V Puthz

Notulae Entomol 48(4):197-219 REF

1968 421 N84

Catalogs, Insect geography, Insect taxonomy, Staphylinidae.

4424-69

THE FIRST DISCOVERY OF FREE-LIVING LARVAE OF THE EAR TICK, OTOBIUS MEGNINI (DUGES), IN BRITISH COLUMBIA.

G B Rich J D Gregson Entomol Soc Brit Columbia Proc 65:22-23

01 Aug 1968 420 B77 Dermacentor albipictus, Dermacentor andersoni, Insect adaptation, Insect identification, Larvae, Otobius megnini, Parasitic insects, Zoogeography.

WOOD-AND-BARK-FEEDING COLEOPTERA OF FELLED SPRUCE IN INTERIOR BRITISH COLUMBIA.

D A Ross

Entomol Soc Brit Columbia Proc 65:10-12

01 Aug 1968 420 B77

Coleoptera, Dendroctonus obesus, Emergence, Forest insects, Insect rearing, Monochamus oregonensis, Picea engelmanni, Picea glauca, Serropalpus substriatus, Wood-destroying insects. The author lists wood- and bark-feeding coleoptera.

4426-69

REDEFINED CONCEPT OF THE GENUS SYNAPTOTHRIPS WITH REDESCRIPTIONS OF TWO SPECIES (THYSANOPTERA: THRIPIDAE).

K Sakimura

Entomol Soc Southern Afr J 31(1):75-81

Mar 1968 420 EN86

Insect taxonomy, Thripidae.

4427-69

CHELACHELES MICHALSKII N. SP. (ACARI, CHEYLETIDAE). (GE)

K Samsinak

Acta Ent Bohemoslov 59(2):183-185

20 Apr 1962 420 C33

Acari, Cheyletidae, Insect identification, Insect taxonomy. Czech summary, several other species of Cheyletidae are mentioned.

4428-69

ALTICINAE OF NEW GUINEA, III. SCHENKLINGIA AND ALLIES (COLEOPTERA: CHRYSOMELIDAE).

G A Samuelson

Pacific Insects 11(1):33-47

1969 421 P11

Catalogs, Chrysomelidae, Insect geography, Insect taxonomy.

ICONOGRAPHY OF THE EGGS OF THE LEPIDOPTERA FAUNA OF BELGIUM. (FR)

L. G. Sarlet

Lambillionea 67(1/2):7-9

25 Feb 1968 420 N15

Entomology, Illustrations, Insect eggs, Insect identification. Insect taxonomy, Lepidoptera. identification, Insect taxonomy, Lepidoptera. Description of eggs from French, German, English, and Italian sources.

4430-69

A NEW SPECIES OF ECNOMUS MCLACHLAN (TRICHOPTERA: PSYCHOMYIDAE) FROM SOUTH AFRICA.

K M F Scott

Entomol Soc Southern Afr J 31(2):411-415 Sep 1968 420 EN86

Insect taxonomy, Trichoptera.

ON NOCTURNAL DARKLING BEETLES OF THE GENUS MELANESTHES LAC. (SCOLEOPTERA, TENEBRIONIDAE) FROM CENTRAL KAZAKHSTAN.

N G Skopin

Entomol Rev 46(1,JAN-MAR):123-125

Mar 1967 421 R322AE

Catalogs, Insect taxonomy, Tenebrionidae, Zoogeography.

ABUNDANCE AND MICRODISTRIBUTION OF LARVAL CHIRONOMIDAE IN STABILIZATION LAGOONS.

B T Sturgess R L Goulding Entomol Soc Amer Ann 62(1):97-102 REF

15 Jan 1969 420 EN82

Chironomidae, Insect ecology, Insect physiology, Insect populations, Larvae, Sewage treatment, Soil moisture, Statistical analysis, Zoogeography.

4433-69

ANNOTATED LIST OF FOREST INSECTS OF BRITISH COLUMBIA. XIV. ENNOMINAE (GEOMETRIDAE).

B A Sugden

Entomol Soc Brit Columbia Proc 65:24-33

01 Aug 1968 420 B77

Forest insects, Geometridae, Insect identification, Insect physiology, Insect taxonomy, Larvae. 57 species of forest geometrids are discribed.

A NEW WESMAELIUS FROM CENTRAL ASIA (NEUROPTERA, HEMEROBIIDAE).

B Tjeder

Entomol Tidskr 89(3-4):137-140

31 Dec 1968 421 EN891

Hemerobiidae, Insect ecology, Insect geography, Insect taxonomy, Wesmaelius.

4435-69

REVISION OF THE NOMINATE SUBGENUS SCELIPHRON LATREILLE (HYMENOPTERA, SPHECIDAE) (STUDIES ON THE SCELIPHRONINI, PART I).

J van der Vecht F M A van Breugel Tijdschr Entomol 111(6):185-255 MAP REF 27 Dec 1968 421 T21

Catalogs, Insect geography, Insect taxonomy, Sphecidae.

4436-69

ON ORTHOTYLUS FIEB. AND PACHYLOPS FIEB. (HETEROPTERA, MIRIDAE). (GE)

E Wagner

Notulae Entomol 48(4):187-196

1968 421 N84

Insect geography, Insect taxonomy, Miridae.

4437-69

THE GENUS HETEROTOMA LEPELETIER AND SERVILLE, 1825 (SYNONYM ACRODERRHIS BERGROTH, 1914) (HETEROPTERA, MIRIDAE). (GE)

E Wagner

Notulae Entomol 48(4):179-186

1968 421 N84

Insect geography, Insect taxonomy, Miridae.

TAXONOMY OF THE GENUS PALUDA DE LONG 1937 (HOMOPTERA EUSCELIDAE). (GE

W Wagner

Zool Beitr 13(2-3):479-499 REF

1967 410 Z753

Catalogs, Cicadellidae, Insect geography, Insect taxonomy.

ENUMERATION OF THE MICROLEPIDOP-TERA ENCOUNTERED IN THE REGION OF WARSAGE. (FR)

J M Warlet

Lambillionea 66(3/4):18-23

20 Apr 1967 420 N15

Insect taxonomy, Lepidoptera.

IDENTIFICATION OF THE BRACONID PARASITES OF RICE BORERS (HYMENOPTERA: BRACONIDAE).

C Watanabe

Mushi 41(14):185-188

28 Mar 1968 421 M97

Braconidae, Catalogs, Chilo suppressalis, Insect taxonomy, Parasitic insects, Rice, Zoogeography.

FIRST OCCURRENCE OF BALSAM WOOLLY APHID IN THE INTERIOR OF BRITISH COLUMBIA.

R O Wood

Entomol Soc Brit Columbia Proc 65:13-14

01 Aug 1968 420 B77

Abies alba, Abies concolor, Abies lasiocarpa, Adelges piceae, Carbaryl, Chermes piceae, Endosulfan, Forest insects, Insect control, Spraying, Surveys, Tetradifon, Zoogeography.

THE IDENTITY OF THE MONDSYNAMMA SCOTT 1864 BRITISH (HEM., MIRIDAE).

G E Woodroffe

Entomologist (london) 100(1252):217-222

Sep 1967 421 EN8

Catalogs, Insect taxonomy, Miridae.

STUDIES ON THE JAPANESE GALL MIDGES II, TWO NEW AND A KNOWN SPECIES OF THE GENUS CAMPTOMYIA FROM KYUSHU (DIPTERA: CECIDOMYIIDAE).

J Yukawa

Mushi 41(11):143-148 REF

30 Jan 1968 421 M97

Catalogs, Cecidomyiidae, Insect taxonomy, Zoogeography.

NEW SPECIES OF HYPERA (COLEOPTERA, CURCULIONIDAE) FROM THE CRIMEAN MOUNTAINS.

V A Zaslavskiy

Entomol Rev 46(1,JAN-MAR):138-141

Mar 1967 421 R322AE

Catalogs, Hypera, Insect taxonomy, Zoogeography.

NEW SPECIES OF THE GENUS TRACHINA MG. (DIPTERA, TACHNIDAE), PARASITES OF INJURIOUS LEPIDOPTERA IN THE USSR.

L S Zimin

Entomol Rev 46(2,APR-JUN):274-280

Jun 1967 421 R322AE

Catalogs, Insect taxonomy, Parasitic insects, Tachinidae, Zoogeography.

4446-69

NEW RECORDS OF SOUTH AFRICAN THYSANOPTERA WITH DESCRIPTION OF A NEW PHLAEOTHRIPID GENUS.

R Zur Strassen

Entomol Soc Southern Afr J 31(2):365-372 REF Sep 1968 420 EN86

Insect taxonomy, Phlaeothripidae, Thripidae, Thysanoptera.

PHYSIOLOGY AND BIOCHEMISTRY

AMINO ACID REQUIREMENTS OF THE COTTON STAINER, DYSDERCUS FASCIATUS SIGNORET (PYRRHOCORIDAE, HEMIPTERA). M A Alikhan

Pakistan J Sci 19(516, SEP-NOV): 227-232 REF 1967 475 P172

Amino acids, Dysdercus fasciatus, biochemistry, Insect diets, Insect nutrition.

COENOSIA LINEATIPES ZETT. (DIPT., MUSCIDAE) PREYING ON TYPHLOCYBA CRUENTA H. S. (HEM., CICADELLIDAE).

Entomol Mon Mag (SER.4)99(287-8):212 Nov 1963 421 EN86

Cicadellidae, Coenosia lineatipes, Environment, Insect behavior, Muscidae, Predaceous insects, Typhlocyba cruenta.

4449-69

PREDATORY BEHAVIOUR OF A DOLICHOPODID AND AN EPHYDRID (DIPT.).

A A Allen

Entomol Mon Mag (SER 4)99(277-9,JAN-MAR):8

1963 421 EN86 Dolichopodidae, Ephydridae, Feeding, Insect behavior, Morphology, Predaceous insects, Research.

ARE WOODPECKERS THE ANSWER TO PINE BARK BEETLE ATTACKS.

Anonymous

Forest Farmer 28(1):16,26

Oct 1968 99.8 F7692

Biological control (insects), Insect control, Insect outbreaks, Population, Predatory birds, Scolytidae, Woodpeckers.

NUTRITION OF THE SILKWORM, BOMBYX MORI. XVI. QUANTITATIVE REQUIREMENTS FOR ESSENTIAL AMINO ACIDS. (JA)

N Arai T Ito

Bull Sericult Exp Sta 21(2):373-384 REF Apr 1967 425.9 J273B

Amino acids, Bombyx mori, Dosage, Growth factors, Insect diets, Insect nutrition, Insect physiology, Larvae, Proline, Synthetic diets. English summary.

ULTRASTRUCTURAL PECULIARITIES OF THE MYOFIBRILS IN THE FLIGHT MUSCLES OF LEPIDOPTERA. (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):621-624 23 Jan 1967 505 P21

Electron microscopy, Insect flight, Insect morphology, Lepidoptera, Myofibrils, Ultrastruc-

4453-69

REMARKS ON THE STRUCTURE OF INSECT FLIGHT MUSCLE FIBRILS AT THE STRIATION LEVEL. (FR)

I Auber

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2916-2918 REF

19 Jun 1967 505 P21

Electron microscopy, Insect flight, Insect histology, Muscles.

A COMPARATIVE STUDY ON THE EFFECTS OF AERIAL VERSUS GROUND SPRAYING OF POISONED BAITS AGAINST THE MEDITER-RANEAN FRUIT FLY ON THE NATURAL ENE-MIES OF SCALE INSECTS IN CITRUS GROVES.

Z Avidov D Rosen U Gerson Entomophaga 8(3):205-212

1963 421 EN835

Aerial spraying, Baits, Beneficial insects, Ceratitis capitata, Ceroplastes floridensis, Citrus, Coccoidea, Insecticides, Malathion, Poisoning, Protein hydrolysates, Spraying. English summary.

EVIDENCE FOR IMPORTANT INTERCELLU-LAR SPACES IN THE HYPODERMIS AND PARACRYSTALLINE FORMATIONS IN THE EXUVIAL LIQUID OF THE LARVAE OF GAL-LERIA MELLONELLA L. (LEPIDOPTERA PYRALIDAE) DURING THE FORMATION OF THE CUTICLE. (FR)

R Barbier

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2337-2340

08 May 1967 505 P21

Cuticle, Electron microscopy, Galleria mellonella, Insect cytology, Insect histology, Larvae.

ASPECTS OF VIRUS MULTIPLICATION AND AVERAGE REDUPLICATION TIME FOR A GRANULOSIS VIRUS OF ZEIRAPHERA DINI-ANA (GUENEE).

Entomophaga Mein Hors Ser (2):417-421 1964 421 EN835M

Dosage, Granuloses, Insect diseases, Larvae, Mortality, Virology, Zeiraphera diniana. French summary.

4457-69

MITOTIC ACTIVITY OF THE FIRST EMB-RYONIC STAGES IN THE POTATO BEETLE LEPTINOTARSA DECEMLINEATA SAY (COLEOPTERA, CHRYSOMELIDAE). (FR)

J Bergerard C Maisonhaute

Acad Sci Compt Rend Ser D Sci Nat 264(17, 1ST SEMESTER):2134-2137

24 Apr 1967 505 P21

Insect cytology, Insect embryos, Leptinotarsa decemlineata, Mitosis.

4458-69

THE USE OF VIRUSES IN BIOLOGICAL CON-TROL.

F T Bird

Entomophaga Mem Hors Ser (2):465-473 REF 1964 421 EN835M

Biological control (insects), Insect diseases, Insect pests, Neodiprion sertifer, Polyhedroses. French summary.

4459-69

THE EGG-LAYING CYCLE IN THE MACHILOIDEA (INSECTA THYSANURA). (FR $\mbox{\scriptsize)}$ J Bitsch

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):383-385

09 Jan 1967 505 P21

Insect biology, Life cycle, Machilidae, Oviposition.

4460-69

BENZALDEHYDE: DEFENSIVE SECRETION OF A HARVESTER ANT.

M S Blum F Padovani A Curley R E Hawk Compar Biochem Physiol 29(1):461-465 REF Apr 1969 444.8 C73

Benzaldehyde, Glands (insects), Insect biochemistry, Insect protective devices, Veromessor.

THE ACTION OF DARK PHASES OF VARYING DURATIONS IN THE CIRCADIAN, ULTRA-AND INFRA-CIRCADIAN RHYTHMS ON THE PRODUCTION OF WINGED GYNOPHORES OF DYSAPHIS PLANTAGINEA PASS. (HOMOPTERA, APHIDIDAE). (FR)

L Bonnemaison

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2661-2663 05 Jun 1967 505 P21

Darkness, Diurnal rhythm, Dysaphis plantaginea, Insect physiology.

4462-69

THE IDENTITY OF SITOPHILUS ORYZAE.

H B Boudreaux

Entomol Soc Amer Ann 62(1):169-172 15 Jan 1969 420 EN82

Curculionidae, Insect anatomy, Insect identification, Photography, Sitophilus oryzae, Sitophilus

4463-69

ON PARTHENOGENIC REPRODUCTION IN ARAMMICHNUS CRIBRICOLLIS GYLL (IN-SECTA COLEOPTERA CURCULIONIDAE). (FR

A Bournier C Buchelos

Acad Sci Compt Rend Ser D Sci Nat 264(3, 1ST SEMESTER):470-473 16 Jan 1967 505 P21

Curculionidae, Insect reproduction, Parthenogene-

4464-69

CONCERNING THE EXTRAOCULAR LIGHT SENSITIVITY OF THE DICTYOPTERA: EVIDENCE OF PHOTORECEPTORS AS-WITH THE TEGUMENTARY SOCIATED NERVES. (FR)

P Brousse-Gaury

Acad Sci Compt Rend Ser D Sci Nat 264(21, 1ST SEMESTER):2481-2482 REF

22 May 1967 505 P21

Cuticle, Insect histology, Insect physiology, Nerves, Orthoptera, Phototropism.

44 55-69

CIRCADIAN CLOCK ACTION SPECTRUM IN A PHOTOPERIODIC MOTH.

V G Bruce D H Minis

Science 163(3867):583-585 REF

07 Feb 1969 470 SCI2

Biological clocks, Diapause, Diurnal rhythm, Hatching, Insect eggs, Insect physiology, Pectinophora gossypiella, Photoperiodism.

THE INTRODUCTION, RELEASE, AND RECOVERY OF PARASITES OF THE ALFALFA WEEVIL IN EASTERN UNITED STATES.

M H Brunson L W Coles

USDA Prod Res Rep (101):11P

Oct 1968 A281.9 AG8

Biological control (insects), Experimental insects, Hypera postica, Insect pests, Parasitic insects, Zoogeography.

4467-69

BIOLOGY, ECOLOGY AND DISTRIBUTION OF AMARA PSEUDOCOMMUNIS BURAK. (COLEOPTERA, CARABIDAE).

B Burakowski

Pol Akad Nauk Inst Zool Ann Zool 24(9):41P MAP REF

20 Jun 1967 4.0.9 W26

Carabidae, Insect anatomy, Insect biology, Insect ecology, Insect eggs, Insect morphology, Insect physiology, Larvae, Zoogeography. Polish and Russian summaries.

4468-69

TERATOLOGICAL EFFECTS ON THE NYMPHS AND ADULTS OF INSECTS, THE LARVAE OF WHICH HAVE INGESTED SUBLETHAL DOSES OF THE THERMOSTA-BLE TOXIN OF BACILLUS THURINGIENSIS BERLINER. (FR

A Burgerjon G Biache

Acad Sci Compt Rend Ser D Sci Nat 264(20, 1ST SEMESTER):2423-2425 17 May 1967 505 P21

Bacillus thuringiensis, Insect abnormalities, Insect physiology, Metamorphosis, Pieris brassicae, Tox-

HISTOCHEMICAL DATA ON THE NEU-ROSECRETORY ALLATA TERMINATIONS IN ANTHERAEA PERNYI GUER. (LEPIDOPTERA, ATTACIDAE) AND IN RHODNIUS PROLIXUS STAL. (HEMÍPTERA, REDUVIDAE). (FR)

Acad Sci Compt Rend Ser D Sci Nat 265(10, 2ND SEMESTER):754-757 REF

04 Sep 1967 505 P21

Antheraea pernyi, Corpora allata, Histochemistry, Insect histology, Insect morphology, Rhodnius prolixus.

COMPARATIVE EFFECTS OF ALLATECTO-MY ON THE ACTIVITY OF THE MALE AC-CESSORY GLANDS AND ON THE SEXUAL BEHAVIOR OF TWO ACRIDIOS: SCHISTOCERCA GREGARIA AND LOCUSTA MIGRATORIA (SUB-SPECIES MIGRA-TORIOIDES AND RAZALINSK). (FR

A M Cantacuzene

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):224-227 REF

17 Jul 1967 505 P21

Corpora allata, Locusta migratoria, Mating, Reproductive organs, Schistocerca gregaria.

THE INFLUENCE OF WEIGHT OF NEWLY-HATCHED LARVAE ON THE DETERMINA-TION OF THE PHASE CHARACTERISTICS OF THE MIGRATORY LOCUST, LOCUSTA MIGRATORIA MIGRATORIOIDES (R. AND F.), GREGARIOUS PHASE. (FR)

P Cassier

Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1501-1503 13 Mar 1967 505 P21

Insect physiology, Larvae, Locusta migratoria migratorioides, Metamorphosis.

4472-69

THE CUMULATIVE EFFECTS OF LONG PHOTOPERIODS AND THE DETERMINATION OF THE PHASE CHARACTERISTICS OF THE MIGRATORY GRASSHOPPER, LOCUSTA MIGRATORIA MIGRATORIOIDES (R. AND F.), GREGARIOUS PHASE. (FR)

P Cassier

Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2045-2048 REF 17 Apr 1967 505 P21

Insect morphology, Insect physiology, Light, Locusta migratoria, Photoperiodism.

THE INFLUENCE OF THE CORPORA CARDIACA ON THE DURATION OF THE FOURTH AND FIFTH INSTARS OF LOCUSTA MIGRA-TORIA L.. (FR

M Cazal

Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):738-740
30 Jan 1967 505 P21

Corpora cardiaca, Development, Insect physiology, Larvae, Locusta migratoria, Metamorphosis, Neuroendocrines.

ENTOMOLOGY

4474-69

4474-69

CARDIAC ACTIVITY OF LOCUSTA MIGRATORIA IN VITRO AND THE INFLUENCE OF THE CORPORA CARDIACA. PERFECTION OF AN EXPERIMENTAL METHOD AND PRELIMINARY RESULTS. (FR)

M Cazal

Acad Sci Compt Rend Ser D Sci Nat 264(6, 1ST SEMESTER):842-845 REF

06 Feb 1967 505 P21

Corpora cardiaca, Dorsal vessel, Experimental design, Hormones, Insect physiology, Locusta migratoria.

4475-69

RESEARCH ON THE ODORIFEROUS CON-STITUENTS OF THE TERPENIC FUMES OF VARIOUS SUBSTANCES AND THEIR ACTION ON IPS SEXDENTATUS BOERNER (COLEOP-TERA, SCOLYTIDAE). (FR)

C Chararas A Berton

Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1471-1474

13 Mar 1967 505 P21

Biochemistry, Insect behavior, Ips sexdentatus, Terpenes.

4476-69

THE ADAPTABILITY OF BLASTOPHAGUS PINIPERDA L. (COL. SCOLYTIDAE) TO VARIOUS PINUS AND THE PREFERENCES OF THIS INSECT IN REGARD TO THESE FOREST SPE-CIES. (FR)

C Chararas

Acad Sci Compt Rend Ser D Sci Nat 266(3, 1ST SEMESTER):238-241

15 Jan 1968 505 P21

Blastophagus piniperda, Food habits, Insect adaptation, Insect behavior, Pinus.

BIONOMICS OF TUR PLUME MOTH (MARASMARCHA LIOPHANES, MEYRICK) ON PIGEON PEA (CAJANNS CAJAN, MILISP).

M S Chari H K Patel

Andhra Agr J 14(5):158-164

1967 34.2 AN4

Insect behavior, Lepidoptera, Pigeonpeas.

4478-69

COMPOSITION OF THE GUT CONTENTS OF THIRD-INSTAR TSETSE LARVAE (GLOSSINA MORSITANS WESTWOOD).

S H W Cmelik E Bursell E Slack

Compar Biochem Physiol 29(1):447-453 REF Apr 1969 444.8 C73

Cholesterol, Gastrointestinal system, Glossina morsitans, Glycerides, Insect biochemistry, Larvae, Lipids, Phospholipids, Tyrosine.

4479-69

THE TACTILE FUNCTION OF THE SENSILLARY TRICHIA ON THE ANTENNA OF THE SPEOPHYES LUCIDULUS DELAROUZEE (CAVE COLEOPTERA) LARVA. (FR)

G Corbiere

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1327-1329

30 Oct 1967 505 P21
Antennae, Coleoptera, Electrophysiology, Insect physiology, Larvae, Mechanoreceptors.

THE REGULATORY CAPACITY OF THE DORSAL MESOTHORACIC DISC IN CERATITIS CAPITATA WIED (DIPTERA, TRYPETIDAE).

M V da Costa

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1058-1061

20 Feb 1967 505 P21

Ceratitis capitata, Development, Hormones, Insect physiology.

A CRITERION OF TRANSFORMATION FOR AGE-WEIGHT DATA ON INSECT LARVAL

R F Costantino

Growth 32(1):71-73

Mar 1968 442.8 G91

Aging, Insect ecology, Insect physiology, Larvae, Parameters, Population, Transformations (mathematical), Weights.

4482-69

ISOLATION AND A STUDY OF THE MODE OF ACTION OF A POLYGALACTURONASE IN INSECTS (PYRRHOCORIS APTERUS). (FR)

J E Courtois F Percheron M J Foglietti Acad Sci Compt Rend Ser D Sci Nat 266(2, 1ST SEMESTER):164-166

08 Jan 1968 505 P21

Chromatography, Insect biochemistry, Insect physiology, Pectinase, Pyrrhocoris apterus.

TEST ON THE USE OF FUSARIUM EPISPHAERIA F. COCCOPHILA (DESM.) SNYDER AND HANSEN IN THE CONTROL OF THE CALIFORNIA RED SCALE, AONIDIELLA AURANTII.

IS Crouzel R Fresa

Entomophaga Mem Hors Ser (2):151-158

1964 421 EN835M

Aonidiella aurantii, Biological control (insects), Entomogenous fungi, Fusarium, Insect diseases, Insect pests. French summary.

4484-69

THE PROBLEM OF VIRAL LATENCY IN IN-SECT TISSUE CULTURES.

M F Day T D C Grace

Entomophaga Mem Hors Ser (2):449-451

1964 421 EN835M

Antheraea eucalypti, Bombyx mori, Hemerocampa leucostigma, Insect diseases, Polyhedroses. French

4485-69

CLASSIFICATION OF THE STRAINS OF BACILLUS THURINGIENSIS. (FR

H De Barjac A Bonnefoi

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):1811-1813

03 Apr 1967 505 P21

Bacillus thuringiensis, Bacteriology, Insect diseases, Taxonomy.

4486-69

THE INFLUENCE OF THE BROOD COMB ON FOOD EXCHANGE BETWEEN HONEYBEE WORKERS (APIS MELLIFERA). (FR)

P Douault

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1092-1095

20 Feb 1967 505 P21

Apis mellifera, Food habits, Insect behavior, Radioactive tracers.

STUDY OF THE PHOTOTROPHISM OF THE NOCTUIDAE (LEPIDOPTERA). RESEARCH ON THE VARIATION OF BEHAVIOR FOLLOWING THE FREQUENCY OF INTERMITTENT MONOCHROMATIC ILLUMINATION. (FR)

C Dufay

Acad Sci Compt Rend Ser D Sci Nat 264(21, 1ST SEMESTER):2501-2504

22 May 1967 505 P21 Color, Insect behavior, Light, Noctuidae, Phototropism.

4488-69

THE INFLUENCE OF THE FUNGUS BEAU-VERIA BASSIANA VUILL. ON THE FERTILITY AND THE DIAPAUSE OF LEPTINOTARSA DECEMLINEATA SAY. (FR)

M M El-Tahtaoui

Entomophaga Mem Hors Ser (2):549-553

1964 421 EN835M

Beauveria bassiana, DDT, Entomogenous fungi, Fertility, Insect diseases, Insect physiology, In-tegrated control (insects), Larvae, Leptinotarsa decemlineata. English summary.

4489-69

INDUSTRIAL TESTS OF THE BIOLOGICAL PREPARATION ENTOBACTERIN-3 IN THE USSR. (FR)

N S Fedorintchik

Entomophaga Mem Hors Ser (2):299-303

1964 421 EN835M

Bacillus cereus, Biological control (insects), Biological products, Fruit, Tables (data), Vegetables. English summary.

ATTACK ACTIVITY OF TWO SPECIES OF GNATS IN SOUTHERN CALIFORNIA.

J D Foulk

Entomol Soc Amer Ann 62(1):112-116

15 Jan 1969 420 EN82

Ceratopogonidae, Insect behavior, Insect breeding, Insect collecting equipment, Leptoconops kerteszi.

ACTION OF ECDYSONE ON THE LARVAE OF DROSOPHILA MELANOGASTER SUBJECTED TO STARVATION. THE EXISTENCE OF TWO PRE-REQUISITES FOR THE FORMATION OF THE PUPARIUM. (FR

J Fourche

Acad Sci Compt Rend Ser D Sci Nat 264(20, 1ST SEMESTER):2398-2400

17 May 1967 505 P21

Drosophila melanogaster, Ecdysone, Larvae, Metamorphosis, Starvation.

A SEMI-SYNTHETIC DIET FOR ERI-SILK-WORM RAISING. (JA)
T Fukuda Y Higuchi

Bull Sericult Exp Sta 21(2):401-423 REF

Apr 1967 425.9 J273B

Castorbeans, Growth factors, Insect diets, Insect physiology, Insect rearing, Larvae, Plant extracts, Samia cynthia ricini, Synthetic diets. English sum-

4493-69

THE DEVELOPMENT OF AN ARTIFICIAL DIET NOT CONTAINING LEAF POWDER OF ANY FOOD PLANTS FOR ERI-SILKWORM RAISING.

T Fukuda

J Sericult Sci Jap 36(4):309-314 REF

Aug 1967 425.9 SE6

Feeding, Insect diets, Insect physiology, Insect rearing, Samia cynthia ricini, Synthetic diets.

THE CRYPTONEPHRIDISM OF THE LARVAE OF PLANIPENNIA AND THEIR VARIATIONS IN FUNCTION WITH THE ECOLOGY OF THE INSECTA. (FR)

J Gaumont

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2642-2645

05 Jun 1967 505 P21

Insect ecology, Insect physiology, Kidneys, Planipennia.

4495-69

THE IMMOBILIZATION REFLEX ASSOCIATED WITH TACTILE STIMULATION OF THE PRONOTUM OF NORMAL LARVAE OF BLABERUS CRANIIFER (BURM.) AND ONES HAVING RECEIVED IMPLANTATIONS OF THE CORPORA ALLATA. (FR)

J Y Gautier

Acad Sci Compt Rend Ser D Sci Nat 264(10, 1ST SEMESTER):1319-1322

06 Mar 1967 505 P21

Blaberus craniifer, Corpora allata, Immobilization, Insect behavior, Insect physiology, Larvae, Mechanoreceptors, Tissue transplants.

OBSERVATIONS ON THE SECOND GENERATION OF CARPOCAPSA IN THE LOIRE VALLEY. (FR)

R Geoffrion

Phytoma 20(200, JUL-AUG):11-20

1968 464.8 P563

Carpocapsa pomonella, Caterpillars, Climate, Diapause, Insect biology, Insect outbreak forecasting, Insect pests.

4497-69

NEW DATA ON ACCUMULATION OF S35 AND RU106 BY DRAGONFLY NYMPHS (ODONATA).

A B Getsova G A Volkova Entomol Rev 46(1,JAN-MAR):38 Mar 1967 421 R322AE

Autoradiography, Biochemistry, Nymphs, Odonata, Ruthenium, Sulfur.

4498-69

THE EXISTENCE OF INCLUSIONS WHICH HAVE A LAMELLA ULTRASTRUCTURE IN THE NUCLEUS OF CERTAIN BACTERIO-CYTES IN THE ADIPOSE TISSUE OF PERIPLANETA AMERICANA (INSECTA, BLATTIDAE). (FR)

I D Gharagozlou

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1056-1057

20 Feb 1967 505 P21

Cell nucleus, Fat body, Insect physiology, Periplaneta americana, Ultrastructure.

4499-69

FOOD GATHERING BEHAVIOR OF THE ANT, CAMPONOTUS NOVEBORACENSIS (FITCH) (HYMENOPTERA: FORMICIDAE).

W H Gotwald

N Y Entomol Soc J 76(4):278-296 REF

Dec 1968 420 N48J

Camponotus, Food habits, Insect behavior.

THE ACCUMULATION OF FERRITIN IN THE NUCLEI AND CYTOPLASM OF CERTAIN MESENTERON CELLS IN OLD HOMOPTERA CERCOPIDAE. (FR

J Gouranton

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2657-2660 REF

05 Jun 1967 505 P21

Cercopidae, Gastrointestinal system, Insect biochemistry, Insect cytology, Philaenus spumarius.

4501-69

INACTIVATION OF JUVENILE HORMONE LIKE COMPOUNDS IN INSECTS. (GE

A Grassman A Geyer G Herda P Schmialek Acta Ent Bohemoslov 65(2):92-99 REF 1968 420 C33

Degradation, Emulsifying agents, Insect physiology, Isoprenoids, Juvenile hormone, Metamorphosis, Tenebrio molitor. English and Czech summa-

4502-69

SOME BIOMETRICS IN PIERIS AND COLIAS (LEPIDOPTERA: PIERIDAE) IN QUEBEC AND NOVA SCOTIA.

P H H Gray

N Y Entomol Soc J 75(1):12-17

Mar 1967 420 N48J

Biometry, Colias eurytheme, Colias philodice, Pieridae, Pieris rapae, Wings (insects).

TWO STRAINS OF BACILLUS THURINGIEN-SIS BERLINER ISOLATED FROM LARVAE OF DISPARATE BOMBYX LYMANTRIA DISPAR.

R Grigorova

Entomophaga Mem Hors Ser (2):179-191 1964 421 EN835M

Bacillus thuringiensis, Bacteriology, Biochemistry, Bombyx, Insect diseases, Larvae, Serological tests, Stilpnotia salicis, Toxins. English summary.

USE OF CHERRY-LAUREL FOLIAGE FOR PREPARATION OF AN EFFECTIVE INSECT-KILLING JAR.

T F Hall S G Breeland P K Anderson

Entomol Soc Amer Ann 62(1):242-244 REF 15 Jan 1969 420 EN82

Anopheles quadrimaculatus, Biological assay, Biological control (insects), Containers, Experimental insects, Foliage, Hydrocyanic acid, Maceration, Prunus caroliniana, Toxins.

EFFECT OF IONIZING RADIATION ON DACUS ZONATUS FRUIT FLY EGGS AND LARVAE IN SITU.

H Haque C R Ahmad

Pakistan J Sci 19(516, SEP-DEC):233-238 1967 475 P172

Cobalt isotopes, Dacus zonatus, Dosage, Guavas, Insect eggs, Insect pests, Ionization, Larvae, Radia-

SOUND PRODUCTION IN THE WHITE-PINE WEEVIL, PISSODES STROBI, AND THE NORTHERN PINE WEEVIL, P. APPROXI-MATUS.

D M Harman G A Kranzler

Entomol Soc Amer Ann 62(1):134-136 REF 15 Jan 1969 420 EN82

Forest insects, Insect behavior, Insect pests, Insect physiology, Pissodes approximatus, Pissodes strobi, Stridulation.

4507-69

SPECIFICITY IN INSECTICIDES.

C C Harris

Gardeners Chron 164(2):22

12 Jul 1968 80 G162

Chlorinated hydrocarbons, DDT, Insect control, Insecticide synergists, Insecticides, Malathion, Organophosphates, Organophosphorus compounds, Pheromones, Pyrethrum, Sex attractants, Synergists, Toxicity.

CONTROL OF METABOLISM IN THE SILK-WORM PUPAL OVARY BY THE DIAPAUSE HORMONE.

K Hasegawa O Yamashita

J Sericult Sci Jap 36(4):297-301 REF Aug 1967 425.9 SE6

Bombyx mori, Chromatography, Diapause, Glycogen, Hormones, Insect eggs, Insect metabolism, Lipids, Ovaries, Photoperiodism, Pupae, Ribonucleic acid, Synthesis, Temperature. Japanese summary.

STUDY OF THE MULTIPLICATION OF SIND-BIS ARBOVIRUS IN DROSOPHILA. (FR)

F Herreng

Acad Sci Compt Rend Ser D Sci Nat 4(24, 1ST SEMESTER):2854-2857

12 Jun 1967 505 P21

Drosophila melanogaster, Reproduction, Sindbis virus, Virus diseases (insects), Viruses.

FURTHER NOTES ON THE REPRODUCTIVE BIOLOGY OF THE EARWIG FORFICULA AURICULARIA L.. (GE)

K Herter

Zool Beitr 13(2-3)213-244 1967 410 Z753

Forficula auricularia, Insect ecology, Insect geography, Insect reproduction, Temperature.

4511-69

DIETARY CHOLINE REQUIREMENTS, PHOSPHOLIPIDS AND DEVELOPMENT IN PHORMIA REGINA.

E Hodgson W C Dauterman H M Mehendale E Smith M A Q Khan

Compar Biochem Physiol 29(1):343-359 REF Apr 1969 444.8 C73

Choline, Development, Insect diets, Phormia regina, Phospholipids.

ULTRASTRUCTURE OF THE HEMOCYTES OF LOCUSTA MIGRATORIA (ORTHOPTERA). (FR J A Hoffmann M E Stoekel A Porte P Joly Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):503-505 29 Jan 1968 505 P21

Blood cells, Electron microscopy, Hemolymph, Insect cytology, Locusta migratoria, Ultrastructure.

THE INFRASTRUCTURAL MORPHOLOGY OF PILLOTINA CALOTERMITIDIS NOV. GEN., NOV. SP., A SPIROCHAETALES OF THE INTESTINE OF CALOTERMES PRAECOX. (FR)

A Hollande I Gharagozlou

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1309-1312 REF

30 Oct 1967 505 P21

Electron microscopy, Isoptera, Morphology, Spirochaeta, Taxonomy.

ATTRACTANT AND FEEDING RESPONSES OF HICKORY SUCKWORM LARVAE TO CERTAIN EXTRACTS OF PECAN SHUCKS.

G S Howell F G Maxwell

Entomol Soc Amer Ann 62(1):240-242

15 Jan 1969 420 EN82

Acetone, Attractants, Carya illinoensis, Ethyl al-cohol, Extracts, Feeding, Hexane, Insect behavior, Insect pests, Insect physiology, Laspeyresia caryana.

EXPERIMENTS ON THE MILKY DISEASE OF THE LARVA OF MELOLONTHA MELOLONTHA L. (FR)

B Hurpin

Entomophaga Meni Hors Ser (2):41-45

1964 421 EN835M

Bacillus popilliae, Biological control (insects), Ecology, Insect diseases, Larvae, Melolontha melolontha, Milky disease, Temperature. English summary

A PRELIMINARY STUDY ON THI POLYHEDROSIS VIRUS OF JUTI SEMILOOPER, ANOMIS SABULIFERA GUEN. THE M Ishaque A K M F Kabir

Pakistan J Sci 19(516,SEP-NOV):205-208

1967 475 P172

Anomis sabulifera, Epidemiology, Insect diseases, Polyhedroses, Symptomatology, Viruses.

NUTRITION OF THE SILKWORM, BOMBYX MORI. XVII. EFFECT OF DIETARY LEVELS OF AMINO ACIDS ON GROWTH OF FIFTH-IN-STAR LARVAE AND ON COCOON QUALITY.

T Ito N Arai T Inokuchi Bull Sericult Exp Sta 21(2):385-400

Apr 1967 425.9 J273B

Amino acids, Bombyx mori, Insect diets, Insect nutrition, Insect physiology, Insect rearing, Larvae, Pupal cases, Synthetic diets. English summary.

NUTRITIONAL REQUIREMENTS AND ARTIFICAL DIETS FOR THE SILKWORM, BOMBYX MORI L.

T Ito

J Sericult Sci Jap 36(4):315-319 REF

Aug 1967 425.9 SE6

Amino acids, Biochemistry, Bombyx mori, Carbohydrates, Chromatography, Growth factors, Insect diets, Insect metabolism, Insect nutrition, Insect physiology, Lipids, Minerals, Quantitative analysis, Sterols, Vitamins. Japanese summary.

SUSCEPTIBILITY OF IRRADIATED INSECTS TO BACILLUS THURINGIENSIS INFECTION.

R H Jafri Entomophaga Mem Hors Ser (2):351-354 1964 421 EN835M

Bacillus thuringiensis, Insect diseases, Mortality, Tribolium castaneum, Tribolium confusum, Xrays. French summary.

INTERNAL ANATOMY OF THE DEVELOPMENTAL STAGES OF THE TWOSPOTTED SPIDER MITE.

M Jalil

Entomol Soc Amer Ann 62(1):247-249

15 Jan 1969 420 EN82

Insect anatomy, Insect histology, Insect morphology, Metamorphosis, Tetranychus urticae.

4521-69

TERMITE CONTROL IN RUBBER PLANTA-

K Jayarathnam

India Rubber Board Bull 9(4):33-40 REF

1968 78.9 IN22

Chemical control (insects), Dieldrin, Heptachlor, Insecticide application, Insecticides, Odontotermes obesus, Pest control, Plantations, Rubber, Tables (data), Termites. Several other less effective insecticides are mentioned.

4522-69

THE RESULTS OF LARGE DOSE INJECTIONS OF JUVENILE HORMONE IN LOCUSTA MIGRATORIA, GREGARIOUS PHASE. (FR) P Jolv

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1634-1635

24 Mar 1969 505 P21

Insect physiology, Juvenile hormone, Locusta migratoria.

4523-69

CYTOPLASMIC PARTICLES CARRYING RAPIDLY LABELED RNA IN DEVELOPING INSECT EPIDERMIS.

F C Kafatos

Nat Acad Sci Proc 59(4):1251-1258 REF

Apr 1968 500 N21P

Bombyx mori, Cuticle, Cytology, Insect physiology, Radioactive tracers, Ribonucleic acid.

4524-69

THE INCIDENCE AND BURDEN OF HYMENOLEPIS DIMINUTA CYSTICERLOIDS AS A FUNCTION OF THE AGE OF THE INTERMEDIATE HOST, TRIBOLIUM CONFUSUM.

R J Kelly D M O'Brian F F Katz

N Y Entomol Soc J 75(1):19-23 REF

Mar 1967 420 N48J

Aging, Echinococcosis, Host-parasite relations, Hymenolepis diminuta, Tribolium confusum.

4525-69

RESULTS OF EXPERIMENTS CARRIED OUT IN HUNGARY WITH BACILLUS THURINGIENSIS.

Z Klement

Entomophaga Meiu Hors Ser (2):341-343

1964 421 EN835M

Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Experimental insects, Insect diseases. French summary.

4526-69

ON THE CONTINUOUS OR PERIODIC PRODUCTION OF BROODS IN THE HALICTINAE (INSECTA, HYMENOPTERA). (FR)

G Knerer C Plateaux-Quenu

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):651-653

23 Jan 1967 505 P21

Halictidae, Insect reproduction.

4527-69

COMPARISON OF THE STRUCTURE AND ARCHITECTURE OF SOME NESTS OF EVYLAEUS (HYM., HALICTIDAE) AT THE CELL REGION. (FR

G Knerer C Plateaux-Quenu

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):455-458

31 Jul 1967 505 P21

Halictidae, Insect nests, Nesting habits.

4528-69

ON THE PRODUCTION OF MALES IN THE SO-CIAL HALICTINAE (INSECTA, HYMENOP-TERA). (FR)

G Knerer C Plateaux-Quenu

Acad Sci Compt Rend Ser D Sci Nat 264(8, 1ST SEMESTER):1096-1099

20 Feb 1967 505 P21

Halictidae, Insect genetics, Insect reproduction.

4529-69

BROOD CARE IN HALICTINE BEES.

G Knerer

Science 164(3878):429-430

25 Apr 1969 470 SCI2

Bee behavior, Bees, Feeding, Halictinae, Social insects.

4530-69

LOPIDEA UHLER: NEW SPECIES AND RECORDS FROM MEXICO AND SOUTHWESTERN UNITED STATES WITH MAYAMIRIS, RELATED NEW GENUS FROM MEXICO (HEMIPTERA, MIRIDAE).

H H Knight J C Schaffner

Iowa State J Sci 43(1):71-81

Aug 1968 470 IO9

Hemiptera, Insect taxonomy, Lopidea, Mayamiris, Miridae. The author discusses 9 species of the Lopidea

4531-69

AN ACTION OF INSECT HORMONES ON CARBOHYDRATE METABOLISM IN INSECTS.

M Kobayashi

J Sericult Sci Jap 36(4):302-308

Aug 1967 425.9 SE6

Bombyx mori, Carbohydrates, Diapause, Experimental insects, Glucose, Growth factors, Hormones, Insect metabolism, Insect physiology, Pupae, Radioactivity, Samia cynthia pryeri, Synthesis, Temperature, Trehalose. Japanese summary.

4532-69

FAUNA OF THE PREDATOR BUGS (HEMIPTERA-HETEROPTERA) OCCURRING ON APPLE TREES IN THE DISTRICT OF POZNAN. (POL)

A Korcz

Pol Pismo Entomol 37(3):581-586 MAP REF 30 Oct 1967 421 P76

Apples, Biological control (insects), Heteroptera, Insect identification, Predaceous insects.

4533-69

ARADIDAE IN THE BISHOP MUSEUM, HONOLULU (HEMIPTERAHETEROPTERA).

N A Kormileu

Pacific Insects 9(3):447-479

20 Aug 1967 421 P11

Catalogs, Hemiptera, Insect taxonomy, Zoogeography.

4534-69

INVESTIGATIONS OF FAUNA OVERWINTER-ING IN OR UNDER THE BARK OF APPLE TREES. PART II. STUDIES ON ARACHNIDA. (POL)

M Koslinska

Pol Pismo Entomol 37(3):587-602 REF

30 Oct 1967 421 P76

Apples, Arachnida, Bark, Beneficial insects, Hibernation, Insect populations, Predaceous insects. English summary.

1535-69

THE PRESENCE OF VOLATILE FATTY ACIDS IN THE GUT OF A HIGHER TERMITE (MICROCEROTERMES EDENTATUS WAS., AMITERMITINAE). (FR)

J Kovoor

Acad Sci Compt Rend Ser D Sci Nat 264(3, 1ST SEMESTER):486-488

16 Jan 1967 505 P21

Abdomen, Fatty acids, Insect biochemistry, Insect physiology, Intestines, Isoptera.

4536-69

SPERMIOGENESIS IN AEDES AEGYPTI (L.).

E S Krafsur J C Jones

Cytologia 32(3-4):450-462

Dec 1967 44.8 C99

Aedes aegypti, Cytology, Electron microscopy, Spermatogenesis.

4537-69

INFORMATION ON A NATURAL BACTERIAL EPIZOOTIC DISEASE ON EPHESTIA KUHNIELLA ZELLER, CAUSED BY A BACILLUS OF THE TYPE OF BACILLUS THURINGIENSIS. (FR)

E S Kurstak

Entomophaga Mem Hors Ser (2):245-247

1964 421 EN835M

Anagasta kuehniella, Bacillus cereus, Bacillus thuringiensis, Biological control (insects), Epizootic diseases, Insect diseases, Mortality, Parasitism, Protozoa, Venturia canescens. English summary.

4538-69

EVIDENCE, BY CELLULOSE ACETATE ELECTROPHORESIS, OF A VITELLOGENETIC PROTEIN IN THE HEMOLYMPH OF THE FEMALE IMAGO OF THE CABBAGE PIERID (PIERIS BRASSICAE L.). (FR)

M Lamy

Acad Sci Coupt Reud Ser D Sci Nat 265(14, 2ND SEMESTER):990-993

02 Oct 1967 505 P21

Electrophoresis, Hemolymph, Insect biochemistry, Insect genetics, Pieris brassicae, Proteins.

4539-69

CRITHIDIA MELLIFICAE N. SP. AN ACIDO-PHILIC TRYPANOSOMATID OF THE HONEY BEE APIS MELLIFERA.

D F Langridge R B McGhee J Protozool 14(3):485-487

Aug 1967 439.8 J82

Apis mellifera, Crithidia mellificae, Culture media, Hydrogen-ion concentration, Insect diseases, Protozoa, Trypanosomatidae.

4540-69

THE ORIGIN AND GROWTH OF THE GENITAL DISC IN DROSOPHILA MELANOGASTER MEIG. (FR)

G Lauge

Acad Sci Coupt Reud Ser D Sci Nat 265(11, 2ND SEMESTER):814-817 REF

11 Sep 1967 505 P21 Drosophila melan

Drosophila melanogaster, Metamorphosis, Reproductive organs.

4541-69

IN VITRO CULTURE OF THE OVARIES OF TENEBRIO MOLITOR (COLEOPTERA). THE IMPORTANCE OF THE COMPOSITION OF THE MEDIUM FOR SURVIVAL, GROWTH, AND YOLK FORMATION. (FR)

A M Laverdure

Acad Sci Coupt Reud Ser D Sci Nat 265(6, 2ND SEMESTER):505-507

07 Aug 1967 505 P21

Culture media, Insect physiology, Ovaries, Tenebrio molitor, Tissue culture.

4542-6

THE MODE OF ACTION OF THE CORPORA ALLATA IN THE COURSE OF YOLK FORMATION IN TENEBRIO MOLITOR (COLEOPTERA). (FR)

A M Laverdure

A M Laverdure

Acad Sci Compt Rend Ser D Sci Nat 265(2, 2ND SEMESTER):145-146

10 Jul 1967 505 P21

Corpora allata, Insect physiology, Oogenesis, Tenebrio molitor.

4543-69

INHIBITION OF THE OVIPOSITION BEHAVIOR OF THE MIGRATOR LOCUST (LOCUSTA MIGRATORIA L.) CAUSED BY THE SALINITY OF THE SOIL. (FR)

J R Le Berre I Jaillet

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):430-433

31 Jul 1967 505 P2I

Insect behavior, Locusta migratoria, Oviposition, Saline soils, Soil chemistry.

THE USE OF A HETEROPTERA, PENTATOMIDAE PERILLUS BIOCULATUS (FABR.) IN THE FIGHT AGAINST THE POTATO BEETLE LEPTINOTARSA DECEMBER LINEATA (SAY): FIRST RESULTS OBTAINED IN FRANCE. (FR)

J R Le Berre G Portier

Entomophaga 8(3):183-190

1963 421 EN835

Beneficial insects, Biological control (insects), Insect pests, Leptinotarsa decemlineata, Pentatomidae, Perillus bioculatus, Potatoes, Predaceous insects. English summary.

ADULT EMERGENCE INTERVAL REPRODUCTION IN PARASITIC HYMENOP-TERA INFLUENCED BY HOST SIZE AND DEN-

E F Legner

Entomol Soc Amer Ann 62(1):220-226 REF 15 Jan 1969 420 EN82

Hippelates collusor, Hymenoptera, Insect behavior, Insect biology, Insect morphology, Insect physiology, Musca domestica, Parasitic insects, Reproduction.

4546-69

IN VITRO CULTURE OF THE OVARIES OF TENEBRIO MOLITOR (COLEOPTERA). GROWTH AND YOLK FORMATION. (FR)

T Lender A M Laverdure

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):451-454
31 Jul 1967 505 P21

Culture media, Oogenesis, Ovaries, Tenebrio molitor, Tissue culture.

CONTRIBUTION TO THE BIOLOGICAL STUDY OF THE DIPTERA SARCOPHAGIDAE, PARASITES OF ACRIDIDS. THE BIOLOGICAL CYCLE OF BLAESOXIPHA ROSSICA VILL. INJECTION OF LARVAE IN THE BODY OF THE HOST BY THE FEMALE SARCOPHAGIDAE. (FR)

J Leonide

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):232-234

17 Jul 1967 505 P21

Acrididae, Insect behavior, Insect biology, Insect evolution, Larvae, Parasitic insects, Sarcophagidae.

STUDY OF ROBBER FLIES OF THE TRIBE ASILINI (DIPTERA, ASILIDAE) WITH DESCRIPTIONS OF NEW GENERA AND SPECIES FROM KAZAKHSTAN AND SOVIET CENTRAL TRAL ASIA.

P A Ler

Entornol Rev 46(2,APR-JUN):232-241

Jun 1967 421 R322AE

Asilidae, Catalogs, Insect ecology, Insect morphology, Insect taxonomy, Zoogeography.

OBSERVATIONS ON COSSUS COSSUS L. (COS-SIDAE). (FR)

J de Ligondes

Alexanor 5(4):166

27 Dec 1967 421 AL2

Cossidae, Cossus cossus, Insect behavior.

CYTOLOGY AND CYTOCHEMISTRY OF THE MYCETONE OF PSEUDOCOCCUS MARITIMUS (EARHORN) (HOMOPTERA COCCIDAE. (FR) C Louis

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):437-440

31 Jul 1967 505 P2I

Fungi, Insect biochemistry, Insect cytology, Mycetomes, Pseudococcus maritimus, Symbiosis.

THE NATURE OF PATHOGENICITY OF PSEU-DOMONAS AERUGINOSA FOR GALLERIA MELLONELLA.

O Lysenko

Entomophaga Mem Hors Ser (2):35-36

1964 421 EN835M

Biochemistry, Galleria mellonella, Insect diseases, Pseudomonas aeruginosa, Serological tests, Toxins. French summary.

NOTES ON METHODS FOR THE EXTRACTION OF SMALL SOIL ARTHROPODS BY THE HIGH GRADIENT APPARATUS.

A Macfadyen

Pedobiologia 8(3):401-406

1968 56.8 P343

Insect collecting equipment, Methodology, Soil in-

4553-69

INTEGRATED CONTROL OF THE FRUIT-TREE LEAF ROLLER, ARCHIPS ARGYROSPI-LUS (WALKER), AND THE EYE-SPOTTED BUD MOTH, SPILONOTA OCELLANA (DENIS AND SCHIFFERMULLER).

H F Madsen R S Downing

Entornol Soc Brit Columbia Proc 65:19-21

01 Aug 1968 420 B77

Archips argyrospilus, Azinphosmethyl, Chemical control (insects), Dosage, Integrated control (insects), Oils, Spilonota ocellana, Spraying.

EVIDENCE OF A MODIFIED OVARIAN REGION IN THE HAIR GLANDS OF THE COLEOPTERON, HYDROPHILIDAE. COMPARATIVE ANATOMIC DATA. (FR)

Y P Maillard

Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):500-502

29 Jan 1968 505 P2I

Hydrophilidae, Insect morphology, Insect physiology, Reproductive organs.

ON THE PRESENCE OF A VIRUS IN THE TESTICLE OF A HOMOPTERAN INSECT. (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(24, 1ST SEMESTER):2828-2831

12 Jun 1967 505 P21

Electron microscopy, Homoptera, Insect physiology, Testes, Virus diseases (insects).

4556-69

NEW OBSERVATIONS ON THE TRANSPORT OF INTRANUCLEAR MICROORGANISMS, CALLED PHI PARTICLES, BY THE SPERMATOZOIDS IN HOMOPTEROUS INSECTS.

P L Maillet R Folliot

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):965-968

13 Feb 1967 505 P21

Biological transport, Cicadellidae, Insect cytology, Microorganisms, Spermatozoa.

WATCH FOR THE CEREAL LEAF BEETLE.

G F Manson A R Boyce

Can Dep Agr Publ 1353:4P

1968 7 C16PU

Carbamates, Carbaryl, Chemical control (insects), Chrysomelidae, Corn, Grain, Grasses, Insect behavior, Insect biology, Insect identification, In-secticides, Malathion, Organophosphorus compounds, Oulema melanopus.

4558-69

PREDATORY ACTIVITY OF LUCIOLA CRU-CIATA (OLIVIER, 1886) (COLEOPTERA: LAM-PYRIDAE) LARVAE ON NEWLY HATCHED BIOMPHALARIA GLABRATA.

M de Maria J Pellegrino K Okabe

Mushi 41(9):121-122

10 Nov 1967 421 M97

Insect behavior, Lampyridae, Larvae, Predaceous insects, Snails.

BIOLOGY OF THE ANT FORMICA SAN-GUINEA LATR. (HYMENOPTERA, FOR-MICIDAE) IN THE TIEN SHAN.

P I Marikovskiy

Entornol Rev 46(1,JAN-MAR):46-50 REF

Mar 1967 421 R322AE

Formicidae, Insect biology, Insect morphology, Insect physiology, Zoogeography.

POISONING OF PIERIS BRASSICAE L. BY AN ENZYME FRACTION OF THE TOXIN OF THE CRYSTALS OF THE STRAINS BACILLUS THURINGIENSIS SEROTYPE U BERLINER AND SEROTYPE. III. ANDUZE. (FR)

D Martouret

Entomophaga Mem Hors Ser (2):213-220

1964 421 EN835M

Bacillus thuringiensis, Biochemistry, Enzymes, Gastrointestinal system, Hydrogen-ion concentration, Injections, Insect physiology, Mortality, Pieris brassicae, Poisoning, Symptomatology, Toxins. English summary.

4561-69

POLYACRYLAMIDE GEL ELECTROPHORETIC ANALYSIS OF THE PROTEINS OF LOCUSTA MIGRATORIA (L.) AND THE CORRESPONDING ALBINO MUTANT. (FR)

R Marty J P Zalta Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2051-2054 REF

17 Apr 1967 505 P21

Albinism, Electrophoresis, Insect biochemistry, Insect mutation, Locusta migratoria, Proteins.

4562-69

INTRASPECIFIC QUALITATIVE AND QUAN-VARIATIONS (
PROTEINS TITATIVE HEMOLYMPH OF THE OF COPHOPODISMA PYRENAE (FISCH.), (ORTHOPTERA, CATANTOPIDAE) AS A FUNCTION OF BIOGEOGRAPHIC AREA. (FR) (FISCH.), R Marty J P Zalta

Acad Sci Compt Rend Ser D Sci Nat 264(4,·1ST SEMESTER):643-646 REF

23 Jan 1967 505 P21

Cophopodisma pyrenaea, Hemolymph, Insect evolution, Proteins, Zoogeography.

4563-69

CULTURE METHOD FOR RHYNCHOSCIARA.

E Mattingly S Ogle

Entomol Soc Amer Ann 62(1):94-96

15 Jan 1969 420 EN82

Agar, Culture media, Fermentation, Insect physiology, Insect rearing, Larvae, Peat, Rhynchosciara.

4564-69

REGULATION OF GROWTH OF NURSE NUCLEI IN THE DEVELOPMENT OF EGG FOLLICLES IN CECIDOMYIIDAE (DIPTERA). R Matuszewski

Chromosoma 25(4):429-469 REF

05 Dec 1968 442.8 C46

Cecidomyiidae, Development, Insect metabolism, Mikiola fagi, Mitosis, Oogenesis.

MOBILITY IN TRIBOLIUM CONFUSUM.

D J McDonald

Ecology 49(4,SUMMER):770-771

1968 410 EC7

ENTOMOLOGY

4566-69

Flour, Insect behavior, Locomotion, Tribolium confusum.

4566-69

THE ECOLOGICAL IMPORTANCE OF THE PREDATORY BEHAVIOR OF APHELINUS ASYCHIS WALKER, HYM., APHELINIDAE, AN ENDOPARASITE OF PURCERONS (HOM., APHIDIDAE). (FR)

M F Michel

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):936-939

13 Feb 1967 505 P21

Aphelinidae, Aphididae, Host relationships, Insect behavior, Insect ecology.

4567-69

COMMUNITY STUDIES ON HYMENOPTERA FOUND ON BRASSICA NAPUS. PART IV. ACULEATA. (POL)

B Miczulski

Pol Pismo Entomol 37(3):487-506 REF

30 Oct 1967 421 P76

Aculeata, Hymenoptera, Insect ecology, Insect populations, Rape. English summary.

4568-69

THE WARBLE FLY.

Great Brit Min Agr Fish Food Adv Leafl 533.4P Jun 1968 10 G79LA

Cattle, Chemical control (insects), Hypoderma bovis, Hypoderma lineatum, Insect biology, Insect morphology, Insecticides, Maggots, Rotenone, Water pollution.

4569-69

THE PLECOPTERA OF A HEADWATER STREAM (GAITSCALE GILL, ENGLISH LAKE DISTRICT).

G W Minshall

Arch Hydrobiol 65(4):494-514 MAP REF

Feb 1969 410 AR28

Insect ecology, Plecoptera, Surveys, Temperature, Zoogeography.

4570-69

SOME PROBLEMS ON DEVELOPMENTAL PHYSIOLOGY IN THE SILKWORM EGG.

K Miya

J Sericult Sci Jap 36(4):293-296 REF

Aug 1967 425.9 SE6

Bombyx mori, Cuticle, Embryos, Insect eggs, Insect genetics, Insect morphology, Insect physiology. Japanese summary.

4571-69

EFFECT OF MELATONIN ON EGG PRODUCTION OF THE BOLL WEEVIL, ANTHONOMUS GRANDIS.

R F Moore H M Taft

Entomol Soc Amer Ann 62(1):252

15 Jan 1969 420 EN82

Anthonomus grandis, Curculionidae, Enzymes, Growth factors, Inhibitors, Insect diets, Insect eggs, Melatonin, Reproduction, Sex ratios.

4572-69

THE ROLE OF THE EXUVIAL FLUID SWALLOWED BEFORE EMERGENCE, IN THE EXPANSION OF THE WINGS OF BOMBYX MORI L.. (FR)

R Moreau J J Bounhiol

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND

SEMISTER):1234-1236

23 Oct 1967 505 P21

Bombyx mori, Exuvial fluid, Insect physiology, Wings (insects).

4573-69

REMARKS CONCERNING THE TERMINOLOGY OF THE GENITALIA ARMOR IN THE GENUS ARGYNNIS (S.L.). (LEPIDOPTERA, NYMPHALIDAE). (FR)

E V Niculescu

Alexanor 5(4):146-148

27 Dec 1967 421 AL2

Argynnis, Insect anatomy, Insect taxonomy, Lepidoptera, Nomenclature, Nymphalidae, Reproductive organs.

BIBLIOGRAPHY

4574-69

THE PARTICLE LINING OF THE PLASMIC MEMBRANE IN CONNECTION WITH EXCRETION IN A SPECIALIZED REGION OF THE MIDDLE INTESTINE OF HIGHER TERMITES. (FR.)

C Noirot C Noirot-Timothee J Kovoor Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):722-725 REF 30 Jan 1967 505 P21

Electron microscopy, Excretion, Insect morphology, Malpighian tubes, Plasma membrane, Termitidae.

4575-69

THE PROGRESS OF MITOSIS (ORTHOMITOSIS) IN THE MANNER OF ENDOMITOSIS IN THE MALPIGHIAN TUBULES OF THE LOCUST (LOCUSTA MIGRATORIA) (INSECTA, ORTHOPTERA). (FR)

C G Nordau

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2919-2921

19 Jun 1967 505 P21

Insect cytology, Locusta migratoria, Mitosis.

4576-69

POLYMORPHISM IN MALES OF THE SUGAR-CANE LEAFHOPPER, PERKINSIELLA SACCHARICIDA.

A W Osborn

Entomol Soc Amer Ann 62(1):247

15 Jan 1969 420 EN82

Delphacidae, Insect physiology, Insect populations, Perkinsiella saccharicida, Polymorphism.

4577-69

PROTHETELY IN CARABIDAE OF THE GENUS PTEROSTICHUS. (GE)

W Paarmann

Zool Beitr 13(1):121-135 REF

1967 410 Z753

Carabidae, Development, Insect morphology, Larvae, Pterostichus, Wings (insects).

4578-69

RECENT DATA ON THE ORIGIN OF LARVAL POLYMORPHISM AT HATCHING IN THE MIGRATORY GRASSHOPPER, SCHISTOCER-CA GREGARIA FORSKAL. (FR)

M Papillor

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1640-1642

24 Mar 1969 505 P21

Insect morphology, Larvae, Oothecae, Polymorphism, Schistocerca gregaria.

4579-69

STUDY OF THE TEGUMENTARY GLANDS AND THEIR SECRETORY CYCLE IN THE LARVA OF TIPULA FLAVOLINEATA MEIG.. (FR)

J C Pihan

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND SEMESTER):1202-1205

23 Oct 1967 505 P21

Cuticle, Glands (insects), Insect histology, Insect physiology, Larvae, Secretion, Tipula flavolineata.

4580-69

STUDY OF THE TRACHEAL UNITS AND NODULAR TRACHEAL CELLS IN TIPULA FLAVOLINEATA MEIG.. (FR)

J C Pihan Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST

SEMESTER):2311-2313 08 May 1967 505 P21

Insect histology, Larvae, Tipula flavolineata, Trachea.

4581-69

ACTION OF NATURAL IONIZING RADIA-TIONS ON REPRODUCTION IN THE METAZOA: RESEARCH ON DROSOPHILA MELANOGASTER. (FR) H Planel J P Soleilhavoup M C Giess R Tixador Acad Sci Compt Rend Ser D Sci Nat 264(5, 1ST SEMESTER):755-758

30 Jan 1967 505 P21

Drosophila melanogaster, Insect biology, Insect reproduction, Ionizing radiation, Radiobiology.

4582**-**69

DATA IN EVIDENCE OF A RETARDATION OF DEVELOPMENT OF DROSOPHILA MELANOGASTER BY A REDUCTION IN THE NATURAL ENVIRONMENTAL RADIATION. (FR.)

H Planel J P Soleilhavoup M C Giess R Tixador Acad Sci Compt Rend Ser D Sci Nat 264(6, 1ST SEMESTER):865-868

06 Feb 1967 505 P21

Development, Drosophila melanogaster, Environmental control, Radiation.

4583-69

APOMYELOIS BISTRIATELLA: A MOTH WHICH FEEDS IN AN ASCOMYCETE FUNGUS (LEPIDOPTERA: PYRALIDAE).

J A Powell

N Y Entomol Soc J 75(4):190-194

Dec 1967 420 N48J

Ascomycetes, Food habits, Insect identification, Pyralidae.

4584-69

EVIDENCE OF A VARIANT OF THE VESICULAR STOMATITIS VIRUS (INDIANA STRAIN) WHICH CONFERS A RETARDED SENSITIVITY TO CARBONIC GAS IN DROSOPHILA MELANOGASTER. (FR)

P Printz

Acad Sci Compt Rend Ser D Sci Nat 265(2, 2ND SEMESTER):169-172

10 Jul 1967 505 P21

Carbon dioxide, Drosophila melanogaster, Vesicular stomatitis virus, Virus diseases (insects).

4585-69

OBSERVATIONS ON THE ULTRASTRUCTURE OF THE PARASYMPATHETIC ORGANS OF THE PHASMIDS. (FR)

M Raabe F Ramade

Acad Sci Compt Rend Ser D Sci Nat 264(1, 1ST SEMESTER):77-80

04 Jan 1967 505 P21

Electron microscopy, Nervous system Phasmatodea, Ultrastructure.

4586-69

DIAPAUSE IN APANTELES CONGREGATUS.

R L Rabb R Thurston

Entomol Soc Amer Ann 62(1):125-128 15 Jan 1969 420 EN82

Apanteles congregatus, Braconidae, Diapause, Experimental insects, Insect physiology, Larvae, Manduca sexta, Parasitism, Photoperiodism.

4587-69

THE IMPORTANCE OF HETEROGENEITY IN THE SEXUAL ATTRACTION EXERCISED BY FEMALE ACROLEPIA ASSECTELLA ZELLER.

R Rahn V Labeyrie

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):427-429

31 Jul 1967 505 P21

Acrolepia assectella, Metamorphosis, Ovaries, Secretion, Sex behavior.

4588-69

THE PRESENCE OF POSITIVE PARAL-DEHYDE FUCHSIN GRANULES IN THE PEDI-CLE OF THE OVARY OF PYRILLA PERPUSIL-LA WALKER (INSECTA HOMOPTERA FUL-GOROIDEA). (FR)

P S Ramamurty Y Krishnanandam

Acad Sci Compt Rend Ser D Sci Nat 266(5, 1ST SEMESTER):519-521 REF

29 Jan 1968 505 P21

Insect biochemistry, Oogenesis, Ovaries, Pyrilla perpusilla.

INTRANUCLEAR CRYSTALS IN THE MIDGUT EPITHELIUM OF A FLEA.

P A Richards A G Richards

Entomol Soc Amer Ann 62(1):249-250

15 Jan 1969 420 EN82

Ctenophthalmus, Epithelium, Gastrointestinal system, Insect physiology.

4590-69

THE CHROMOSOME FORMULA OF THE CAVE ORTHOPTERA TROGLOPHILUS NEGLECTUS (RHAPHIDOPHORIDAE). (FR) P Saltet

Acad Sci Compt Rend Ser D Sci Nat 265(18, 2ND SEMESTER):1313-1316

30 Oct 1967 505 P21

Chromosomes, Insect genetics, Insect taxonomy, Tettigoniidae.

4591-69

EXPERIMENT ON THE INFLUENCE OF BACILLUSCEREUS VAR. GALLERIAE AND OF LINDANE ON SITOTROGA CEREALELLA OLIV. AND ON TRICHOGRAMMA CACOECIAE MARCH. (FR)

H Sandner J Kot

Entomophaga Mem Hors Ser (2):545-547

1964 421 EN835M

Bacillus cereus, Insect eggs, Insecticides, Integrated control (insects), Larvae, Lindane, Parasites, Sitotroga cerealella, Trichogramma cacoeciae. English summary

THE OCCURRENCE OF THEOGNIS OCCUDENTALIS IN THE MIDWESTERN UNITED STATES (HETEROPTERA: COREIDAE).

J C Schaffner

Kans Entomol Soc J 40(2):141-142

Apr 1967 420 K13

Biology, Coreidae, Geography, Hibernation, Insect behavior, Leptoglossus occidentalis, Research.

4593-69

ELECTRICAL RESISTANCE OF INTACT IN-TEGUMENT THROUGHOUT THE MOLT CYCLE OF A COCKROACH.

P O Scheie

Compar Biochem Physiol 29(1):479-482

Apr 1969 444.8 C73

Cuticle, Electrophysiology, Insect physiology, Molting (insects), Periplaneta americana, Resistance.

THE POSSIBILITIES OF REGULATING THE LABIAL IMAGINAL DISC IN CALLIPHORA ERYTHROCEPHALA MEIGEN. (FR)

J Schoeller-Raccaud

Acad Sci Compt Rend Ser D Sci Nat 265(17, 2ND SEMESTER):1230-1233

23 Oct 1967 505 P21

Calliphora vicina, Insect physiology, Metamorphosis, Mouth parts.

RANCHO GRANDE (VENEZUELA). 2. MICROHABITATS OF. (SP)

J V Scorza I Gomez M T De McLure M Remirez Acta Biol Venezuelica 6(1):1-27 REF

31 Mar 1968 475 AC86

Habitats, Humidity, Insect ecology, Methodology, Microclimate, Phlebotomus. English abstract

4596-69

BIOLOGICAL OBSERVATIONS ON SOME SANDFLIES (PHLEBOTOMUS) OF RANCHO GRANDE (VENEZUELA). 3. BIONOMICAL NOTES ON PHLEBOTOMUS TOWNSENDI ORTIZ, 1959 AND P. VEXILLARIUS FAIRCHILD HERITIG, 1952. (SP)

J V Scorza I Gomez M Ramirez

Acta Biol Venezuelica 6(1):28-40 REF

31 Mar 1968 475 AC86

Habitats, Insect behavior, Insect rearing, Methodology, Phlebotomus. English abstract

4597-69

BIOLOGY OF WASPS OF THE TRIBE CERCERINI, WITH A LIST OF THE COLEOPTERA USED AS PREY.

H A Scullen J L Wold

Entomol Soc Amer Ann 62(1):209-214 REF

15 Jan 1969 420 EN82

Biological control Bruchidae, (insects), Buprestidae, Chrysomelidae, Coleoptera, Curculionidae, Eucerceris, Food, Hymenoptera, Insect behavior, Insect biology, Insect pests, Insect physiology, Larvae, Predaceous insects, Sphecidae, Tenebrionidae. The authorlists the species of wasp and beetles used as prey.

4598-69

ORIENTATION OF CARRION BEETLES TO CARRION: RANDOM OR NONRANDOM. P P Shubeck

N Y Entomol Soc J 76(4):253-265 REF

Dec 1968 420 N48J

Coleoptera, Food habits, Insect behavior.

INTESTINAL TRANSPORT AND METABOLISM OF D-AMINO ACIDS IN THE SILKWORM, BOMBYX MORI L.

M B Shyamala J V Bhat

J Sericult Sci Jap 36(4):320-326 REF

Aug 1967 425.9 SE6

Absorption, Amino acids, Bombyx mori, Dinitrophenols, Insect metabolism, Insect physiology, Intestines, Isomers, Radioactivity, Japanese summary.

TRANS-OVUM TRANSMISSION OF INSECT VIRUSES AS A BIOLOGICAL CONTROL.

W A Smirnoff

Entomophaga Mem Hors Ser (2):459-460

1964 421 EN835M

Biological control (insects), Dosage, Insect diseases, Insect eggs, Insect pests, Neodiprion swainei, Trichiocampus irregularis, Trichiocampus Trichiocampus irregula viminalis. French summary.

SOME EFFECTS OF CASTRATION ON THE PROTOCEREBRAL NEUROSECRETION OF THE FEMALES OF POLISTES (HYMENOPTERA, VESPIDAE). (FR)

A Strambi

Acad Sci Compt Rend Ser D Sci Nat 264(16, 1ST SEMESTER):2031-2034

17 Apr 1967 505 P21

Castration, Nervous system, Ovaries, Polistes, Secretions, Vespidae.

FEEDING AND NUTRITION OF LYGUS HESPERUS. III. LIMITED GROWTH AND DEVELOPMENT ON A MERIDIC DIET.

F E Strong E Kruitwagen

Entomol Soc Amer Ann 62(1):148-155 15 Jan 1969 420 EN82

Amino acids, Insect morphology, Insect nutrition, Insect physiology, Insect rearing, Lygus hesperus, Micronutrients, Miridae, Sterols, Sucrose, Micronutrients, Vitamins.

ON THE INVESTIGATIVE METHODS OF THE SOUND CHARACTERISTICS OF SMALL CICADAS (HOMOPTERA-CICADINA). (GE)

H Strubing

Zool Beitr 13(2-3):265-284

1967 410 Z753

Cicadidae, Laboratory equipment, Methodology, Research, Stridulation.

THE NYMPHAL INSTARS OF FOUR LACE BUGS FROM CZECHOSLOVAKIA. (HETEROPTERA, TINGIDAE).

J M Stusak

Acta Ent Bohemoslov 59(2):111-123

20 Apr 1962 420 C33

Insect identification, Insect physiology, Insect taxonomy, Nymphs, Tingidae. Czech summary.

4605-69

SINGLE UNIT ACTIVITY IN THE VISUAL PATHWAY OF THE BUTTERFLY PATHWAY OF HELICONIUS ERATO. THE BUTTERFLY

S L Swihart

J Insect Physiol 14(11):1589-1601 REF

Nov 1968 421 J825

Heliconius erato, Insect behavior, Insect physiology, Nervous system, Nymphalidae, Secretion, Vi-

4606-69

STUDY OF THE CORPUS ALLATUM IN LIV-ING LARVAE OF THE BLOW FLY CAL-LIPHORA ERYTHROCEPHALA MG. (DIP-TERA, CALLIPHORIDAE).

N A Tamarina

Entomol Rev 46(2,APR-JUN):168-173 REF

Jun 1967 421 R322AE

Calliphora vicina, Histology, Insect physiology, Larvae.

4607-69

EFFECT OF HIGH TEMPERATURES ON THE RESISTANCE OF INSECTS TO INFECTIOUS DISEASES.

Y Tanada

J Sericult Sci Jap 36(4):333-340 REF

Aug 1967 425.9 SE6

Dosage, Experimental insects, Heat treatment, Infectious diseases, Insect physiology, Insect vectors, Resistance, Temperature, Virus diseases (plants). Japanese summary.

THE INFLUENCE OF EXTERNAL FACTORS ON THE ANTICIPATED ELIMINATION OF THE DIAPAUSE OF PSYLLA PYRI (HOMOP-TERA: PSYLLIDAE). (FR)

N Thanh-Xuan

Acad Sci Compt Rend Ser D Sci Nat 264(11, 1ST SEMESTER):1445-1448 13 Mar 1967 505 P21

Insect diapause, Larvae, Photoperiodism, Psylla pyricola, Temperature.

4609-69

THE ACTION OF DIFFERENT TEMPERATURES ON THE DURATION OF POSTEMBRYONIC DEVELOPMENT AND THE DURATION BETWEEN MOLTS IN ADULTS OF SIX SPECIES OF EPIGEOUS AND CAVE COLLEMBOLA, HYPOGASTRURIDAE. (FR)

J M Thibaud

Acad Sci Compt Rend Ser D Sci Nat 266(3, 1ST SEMESTER):256-258

15 Jan 1968 505 P21

Collembola, Development, Insect physiology, Metamorphosis, Temperature.

4610-69

AN EPIDEMIC OF ENTOMOPHTHORA AMONG SYRPHID FLIES OF THE REGION OF GENEVA. (FR)

G Turian

Entomophaga Mem Hors Ser (2):143-147 1964 421 EN835M

Empusa, Entomogenous fungi, Insect diseases, Syrphidae. English summary.

A COMPARATIVE MORPHOLOGICAL STUDY OF THE MALE EXTERNAL GENITALIA OF THE TYPE-SPECIES OF SOME SOUTH AFRICAN NOTODONTIDAE (LEPIDOPTERA).

E Van Den Berg

Entomol Soc Southern Afr J 31(2):265-289

Sep 1968 420 EN86

Insect physiology, Notodontidae, Reproductive organs.

4612-69

PRACTICAL PRACTICAL APPLICATION OF BACILLUS THURINGIENSIS. (GE)

J Vankova

Entomophaga Mem Hors Ser (2):271-291 REF 1964 421 EN835M

BIBLIOGRAPHY

4613-69

Bacillus thuringiensis, Biological assay, Biological control (insects), Biological products, Insect diseases, Lepidoptera, Pieris brassicae, Tables (data), Vegetables. English summary.

ELECTRON MICROSCOPE STUDY OF THE VIRUS OF THE GRANULOSIS OF THE FALL WEBWORM (HYPHANTRIA CUNEA DRURY).

L Vasiljevic

Entomophaga Mem Hors Ser (2):383-391 REF 1964 421 EN835M

Caterpillars, Electron microscopy, Granuloses, Hyphantria cunea, Insect diseases, Polyhedroses. English summary.

4614-69

VIRUS MULTIPLICATION. (FR)

L Vasiljevic

Entomophaga Mem Hors Ser (2):407-416 REF 1964 421 EN835M

Biological control (insects), Insect diseases, Reproduction, Virology, Viruses. English summarv.

4615-69

OBSERVATIONS ON THE MORPHO-BIOLOGY OF PNIGALIO MEDITERRANEUS FERR. AND DEL. (HYM. EULOPHIDAE). (IT)

G Viggiani

Entomophaga 8(3):191-198 REF

1963 421 EN835

Dacus oleae, Eulophidae, Insect biology, Insect morphology, Insect pests, Parasitic insects, Pnigalio mediterraneus, Zoogeography. English summary.

BIOLOGY OF GYNAIKOTHRIPS KARNYI BAGNALL, THE MARGINAL GALL FORMING THRIPS OF PEPPER.

A Visalakshi K V Joseph

Agr Res J Kerala 5(1/2,MAR-SEP):79-81 1967 22 AG823

Gall-making insects, Gynaikothrips karnyi, India, Insect biology, Insect pests, Piper nigrum, Predaceous insects.

EFFECT OF SOME DISINFECTANTS ON THE FLACHERIE VIRUS OF THE SILKWORM, BOMBYX MORI L. (JA)

M Watanabe T Funada A Kubota T Kawakami K Aizawa S Kita

J Sericult Sci Jap 37(3):213-218

Jun 1968 425.9 SE6

Antiseptics, Biochemistry, Bombyx mori, Calcium hypochlorite, Flacherie, Formal Hydrochloric acid, Insect diseases, Viruses. Formaldehyde,

AN AUTORADIOGRAPHIC STUDY OF INVERTEBRATE UPTAKE OF DDT-CL36.

E J Webster

Ohio J Sci 67(5):300-307

Sep 1967 410 OH3

Aquatic animals, Autoradiography, Chlorinated hydrocarbons, Chlorine, DDT, Drying, Invertebrates, Reproductive organs, Tissues.

4619-69

HONEY BEE RECRUITMENT TO FOOD SOURCES: OLFACTION OR LANGUAGE.

A M Wenner P H Wells D L Johnson Science 164(3875):84-86 REF

04 Apr 1969 470 SCI2

Apis mellifera, Food supply, Insect behavior, Insect physiology, Olfactory responses, Secretion, Smell.

THE INFECTION OF IMMATURE AQUATIC INSECTS BY LARVAL PARAGORDIUS (NEMATOMORPHA).

D A White

Great Basin Natur 29(1):44

28 Mar 1969 410 G79

Aquatic insects, Insect nematodes, Larvae, Nematomorpha, Surveys.

4621-69

CATERPILLAR SIZE AND THE DOSAGE OF BACILLUS THURINGIENSIS PREPARATIONS. (GE)

H Wiegand

Entomophaga 8(1):35-41

1963 421 EN835

Bacillus thuringiensis, Caterpillars, Dosage, Endotoxins, Regression analysis, Tables (data). English summary.

4622-69

RESULTS OF FIELD EXPERIMENTS CARRIED OUT IN 1954 AND 1955 IN SWITZERLAND CONCERNING THE MICROBIAL CONTROL OF THE LARVAE OF MELOLONTHA MELOLONTHA L. (GE)

H Wille T Wiken P Bovey Entomophaga 7(2):161-174 REF

1962 421 EN835

Bacteria, Beauveria, Biological control (insects), Entomogenous fungi, Insect diseases, Melolontha melolontha. English summary.

4623-69

PHYSIOLOGICAL RESPONSES OF INSECTS TO NICOTINE.

R S H Yang F E Guthrie

Entomol Soc Amer Ann 62(1):141-146 REF

15 Jan 1969 420 EN82

Bombyx mori, Hemolymph, Hydrogen-ion concentration, Insect adaptation, Insect physiology, Manduca sexta, Nervous system, Nicotine, Permeability, Tolerances.

4624-69

ELECTROPHYSIOLOGICAL STUDY OF CONTACT CHEMORECEPTORS IN BLOODSUCKING DIPTERA.

Yu A Yelizarov Ye Kh Zolotarev Ye Ye

Sinitsyna

Entomol Rev 46(2,APR-JUN):162-167 REF Jun 1967 421 R322AE

Chemoreceptors, Electrophysiology, physiology, Stomoxys calcitrans, Tabanus. Insect

4625-69

RESPONSE OF SOME STORED-PRODUCT INSECTS TO TROGODERMA GRANARIUM PHEROMONES.

U Yinon A Shulov

Entomol Soc Amer Ann 62(1):172-175

15 Jan 1969 420 EN82

Callosobruchus maculatus, Dermestes maculatus, Insect behavior, Insect breeding, Insect physiology, Insect repellents, Lasioderma serricorne, Oryzaephilus surinamensis, Pheromones, Sex attractants, Sitophilus oryzae, Statistical analysis, Stored product insects, Tenebrio molitor, Tribolium castaneum, Trogoderma granarium.

ESTERASE AND PHOSPHATASE POLYMOR-PHISM IN NATURAL POPULATION OF WILD SILKWORM, THEOPHILA MANDARINA L. (JA

N Yoshitake

J Sericult Sci Jap 37(3):195-200 REF

Jun 1968 425.9 SE6

Biochemistry, Esterases, Insect physiology, Phosphatases, Polymorphism, Population, Theophila mandarina.

GENETICS

4627-69

CHANGES OF DNA REPLICATION BEHAVIOR ASSOCIATED WITH INTRAGENIC CHANGES OF THE WHITE REGION IN DROSOPHILA MELANOGASTER.

L Arcos-Teran W Beermann Chromosoma 25(4):377-391

05 Dec 1968 442.8 C46

Autoradiography, Chromosomes, Cytogenetics, Deoxyribonucleic acid, Drosophila melanogaster, Genes, Insect biochemistry, Insect genetics.

4628-69

A SPECIFIC CHROMOSOME ELEMENT, THE TELOMERE OF DROSOPHILA POLYTENE CHROMOSOMES.

H D Berendes G F Meyer

Chromosoma 25(2):184-197 REF

08 Oct 1968 442.8 C46

Chromosomes, Cytogenetics, Drosophila hydei, Insect genetics, Salivary glands.

DROSOPHILA DEOXYRIBONUCLEASES. I VARIATION OF DEOXYRIBONUCLEASES IN DROSOPHILA MELANOGASTER.

J B Boyd

Biochim Biophys Acta Enzymol 171(1):103-112 REF

07 Jan 1969 381 B522

Deoxyribonucleases, Drosophila melanogaster, Electrophoresis, Enzymes, Escherichia coli, Fractionation, Insect genetics, Insect morphology.

4630-69

ON THE STRUCTURE OF THE SALIVARY CHROMOSOMES OF BILOBELLA MASSOUDI CASSAGNAU (COLLEMBOLA: NEANURIDAE). (FR)

P Cassagnau

Chromosoma 24(1):42-58

11 Apr 1968 442.8 C46

Chromosomes, Collembola, Cytogenetics, Insect genetics, Salivary glands. English and German abstracts.

EXTRA REPLICATIONS IN THE DNA-PUFFS OF SCIARA COPROPHILA.
H V Crouse H G Keyl

Chromosoma 25(3):357-364 REF

05 Nov 1968 442.8 C46

Chromosomes, Cytogenetics, Deoxyribonucleic acid, Insect genetics, Larvae, Sciara coprophila.

THE SALIVARY GLAND CHROMOSOMES OF THE MOSQUITO CULEX PIPIENS. I. THE NORMAL CHROMOSOME COMPLEMENT. (GE)

L Dennhofer

Chromosoma 25(3):365-376 REF

05 Nov 1968 442.8 C46

Chromosomes, Culex pipiens, Cytogenetics, Insect genetics, Salivary glands. English abstract.

4633-69

DNA SYNTHESIS IN THE NEO-X NEO-Y SEX DETERMINATION SYSTEM OF DICHROPLUS BERGI (ORTHOPTERA: ACRIDIDAE).

M O Diaz F A Saez

Chromosoma 24(1):10-16 11 Apr 1968 442.8 C46

Acrididae, Autoradiography, Cytogenetics, Deoxyribonucleic acid, Insect genetics, Sex determination, Synthesis, Thymidine.

4634-69

CELLULAR DEGENERATION IN THE PRODUCTION OF SOME MUTANT PHENOTYPES IN DROSOPHILA MELANOGASTER.

D Fristrom

Z Vererbungslehre 103(4):363-379 REF

18 Mar 1969 442.8 Z34

Drosophila melanogaster, Insect cytology, Insect genetics, Mutations.

4635-69

THE INFLUENCE OF THE GENOTYPE ON THE FREQUENCY OF RADIATIONINDUCED ANEUPLOIDY IN THE OOGENESIS OF DROSOPHILA MELANOGASTER. V. A TENTATIVE EXPLANATION OF THE DIFFERENCES IN THE DOSE-RESPONSE CURVES. (RUS)

N V Glotoff

Genetika 4(7):24-29 1968 OH431.A1G4

Dosage, Drosophila melanogaster, Genotypes, Insect genetics, Irradiation, Oogenesis, Polyploidy. English summary.

SEASONAL CHANGES IN THE DIRECTION OF MATING IN DROSOPHILA MELANOGASTER IN THE EXPERIMENTS WITH A NATURAL INVERSION. (RUS

A I Grossman M B Evgenev Genetika 4(7):54-59 REF

1968 QH431.A1G4
Breeding Chron

Breeding, Chromosomes, Drosophila melanogaster, Insect genetics, Reproduction, Weather. English summary.

4637-69

TRANSDETERMINATION IN CELLS.

E Hadorn

Sci Amer 219(5):110-114,116,118,120

Nov 1968 470 SCI25

Cells, Drosophila melanogaster, Embryos, Insect abnormalities, Insect breeding, Insect genetics, Insect morphology, Larvae, Metamorphosis.

4638-69

PARALLEL POLYMORPHISM FOR SUPERNU-MERARY SEGMENTS IN CHORTHIPPUS PARALLELUS (ZETTERSTEDT). I. BRITISH POPULATIONS.

G M Hewitt B John

Chromosoma 25(3):319-342 MAP REF

05 Nov 1968 442.8 C46

Chorthippus parallelus, Insect genetics, Insect morphology, Polymorphism, Population, Zoogeography.

4639-69

INCORPORATION OF TRITIUM-ACETAMIDE AND TRITIUM-THYMIDINE INTO THE EYE DISKS OF DROSOPHILA MELANOGASTER.

Y Hirose S Kaji

Proc Jap Acad 44(5):363-368

May 1968 513 T576

Acetamide, Autoradiography, Cells, Deoxyribonucleic acid, Drosophila melanogaster, Eyes, Insect metabolism, Insect physiology, Larvae, Mutation, Thymidine, Tissues, Tritium, Viscera.

4640-69

PATTERNS AND PATHWAYS OF CHROMOSOME EVOLUTION WITHIN THE ORTHOPTERA.

B John G M Hewitt

Chromosoma 25(1):40-74 REF

18 Sep 1968 442.8 C46

Chromosomes, Cytogenetics, Insect evolution, Insect genetics, Orthoptera.

4641-69

CYTOLOGICAL STUDIES OF ANTIPODEAN TELEOGRYLLUS SPECIES AND THEIR HYBRIDS (ORTHOPTERA: GRYLLIDAE).

H Lim V R Vickery D K M Kevan

Can J Zool 47(2):189-196 REF

Mar 1969 470 C16D

Chromosomes, Cytology, Gryllidae, Insect breeding, Insect genetics, Morphology, Polymorphism, Teleogryllus commodus.

4642-69

TRITIUM LABELLING AND CYTOCHEMISTRY OF EXTRA DNA IN ACHETA.

A Lima-de-Faria B Nilsson D Cave A Puga H Jaworska

Chromosoma 25(1):1-20 REF

18 Sep 1968 442.8 C46

Acheta domesticus, Cytogenetics, Deoxyribonucleic acid, Development, Insect genetics, Oogenesis, Radioactive tracers, Synthesis.

4643-69

THE KARYOTYPE OF SOME AUSTRALIAN SPECIES OF MACROPATHINAE (GRYLLACRIDOIDEA--RHAPHIDOPHORIDAE).

A Mesa A Ferreira R S de Mesa Chromosoma 24(4):456-466 MAP REF

14 Ava 1069 442 9 C46

14 Aug 1968 442.8 C46

Cytogenetics, Insect genetics, Sex determination, Tettigoniidae.

4644-69

SYNAPSIS AND CROSSING OVER WITHIN A PARACENTRIC INVERSION IN THE GRASSHOPPER, CAMNULA PELLUCIDA.

Chromosoma 25(2):198-214 REF

08 Oct 1968 442.8 C46

Acrididae, Camnula pellucida, Chromosomes, Cytogenetics, Insect genetics.

4645-69

A YELLOW MUTANT STRAIN OF THE LARGE MILKWEED BUG, ONCOPELTUS FASCIATUS, THAT LACKS ERYTHROPTERIN.

E E Smissman J P R Orme

Entomol Soc Amer Ann 62(1):246

15 Jan 1969 420 EN82

Biosynthesis, Chromatography, Insect genetics, Insect mutation, Lygaeidae, Melanosis, Oncopeltus fasciatus, Pteridine.

4646-69

UNSTABLE MULTILUNAR MODIFYING GENES IN THE SILKWORM, BOMBYX MORI. III.

Y Tanaka

Proc Jap Acad 44(5):400-404 REF

May 1968 513 T576

Bombyx mori, Genes, Humidity, Insect abnormalities, Insect breeding, Insect genetics, Light, Mutation, Temperature.

4647-69

EXPERIMENTAL INDUCTION OF ANDROGENESIS, GYNOGENESIS, AND POLYPLOIDY IN BOMBYX MORI BY TREATMENT WITH CO2 GAS.

Y Tazima A Onuma

J Sericult Sci Jap 36(4):286-292 REF

Aug 1967 425.9 SE6

Amitosis, Bombyx mori, Carbon dioxide, Chemical control (insects), Insect eggs, Insect genetics, Parthenogenesis, Polyploidy. Japanese summary.

4648-69

CHROMOSOME NUMBERS OF SOME CENTRAL EUROPEAN CERAMBYCIDAE. II. (GE)

H Teppner

Chromosoma 25(2):141-151

08 Oct 1968 442.8 C46

Cerambycidae, Chromosomes, Insect genetics, Meiosis, Spermatocytes, Surveys. English abstract.

4649-69

SEX CHROMATIN IN LEPIDOPTERA. (GE)

W Traut G C Mosbacher

Chromosoma 25(3):343-356 REF

05 Nov 1968 442.8 C46

Chromatin, Cytogenetics, Insect genetics, Lepidoptera, Sex determination. English abstract.

4650-69

BARRIERS TO GENE FLOW IN NATURAL POPULATIONS OF GRASSHOPPERS. I. THE BLACK CANYON OF THE GUNNISON RIVER AND ARPHIA CONSPERSA.

R B Willey R L Willey Psyche 74(1):42-57 MAP

Mar 1967 421 P95

Color, Genes, Grasshoppers, Heredity, Insect behavior, Insect genetics, Polymorphism, Population, Wings (insects).

MEDICAL ENTOMOLOGY

4651-69

LAELIUS UTILIS COCKERELL (HYMENOPTERA: BETHYLIDAE) STINGING A CHILD AT LONDON, ONTARIO.

W W Judd

Entomol News (philadelphia) 71(4):104

Apr 1960 421 EN88

Bethylidae, Insect identification, Insect pests, Laelius utilis, Stinging.

CROP PROTECTION

4652-69

FERTILIZATION OF SEMI-MATURE STANDS IN NEWFOUNDLAND.

Can Dep Forest Forest Prod Res Br Res News 11(6,NOV-DEC).

1968 99.9 C1625F

Aerial fertilizing, Fertilization (plants), Foliage, Forest appraisal, Forestry business economics, Forests, Nitrogen, Soil analysis, Stand increment estimates, Tree increment measurement.

4653-69

THE STATUS OF PAPAYA BREEDING IN LA MOLINA, PERU. (SP)

J C Benza V B Carrasco J B Rodriguez Agron Trop 17(4,OCT-DEC):381-389 REF 1967 26 AG87

Papayas, Plant breeding, Plant nematodes. English summary. Nematode-resistance program initiated.

4654-69

BREEDING WORK FOR THE CREATION OF GLANDLESS COTTON VARIETIES IN CHAD. (FR)

M Buffet J Gouthiere J B Roux Coton Fibres Trop 22(4):463-472

Dec 1967 73.8 C82

Angular leafspot, Cotton, Crop varieties, Diparopsis, Glands (plants), Gossypol, Insect pests, Plant breeding, Plant disease resistance, Plant genetics, Plant pest resistance, Podagrica. English and Spanish summaries.

4655-69

DIAZINON AGAINST PLANT PESTS. (FR)

A Bugiani S Della Pieta R Brandazza

Notiz Mal Piante (SER 3)(3/4):217-252 REF
1967 464.8 N84

Chemical control (pests), Diazinon, Insecticides, Nematodes, Organic compounds, Parasitism, Soil insects. English and Italian summaries.

4656-69

RESEARCH POSSIBILITIES AND THE IMPROVEMENT OF THE CARNATION CULTIVATED AS A CUT FLOWER. (FR)

C Buys P Poortmans M Rudelle

Notiz Mal Piante (SER 3)(3/4):75-84 REF 1967 464.8 N84

Crop varieties, Crop yields, Culture media, Dianthus caryophyllus, Greenhouse culture, Plant breeding, Plant disease control, Plant physiology. English and Italian summaries.

4657-69

MORPHOLOGY AND MODE OF GERMINA-TION OF CONIDIA OF HELMINTHOSPORIUM ORYZAE IN RELATION TO ITS TAXONOMY.

S B Chattopadhyay M K Dasgupta Indian J Mycol Res 4(112):54-57 REF 1966 450 IN29

Conidia, Helminthosporium oryzae, Plant morphology, Plant taxonomy, Spore germination.

4658.69

PRESERVATIVE TREATMENTS AND SERVICE LIFE OF FENCE POSTS IN PUERTO RICO.

M Chudnoff R S Boone E Goytia US Forest Serv Res PaperiTF (4):31P REF Nov 1967 A99.9 F7637

Creosote, Fungi, Lumber preservatives, Pentachlorophenol, Pest control, Research, Tables (data), Termites, Wood decay, Wood properties.

1650.60

IRRIGATION BY SPRAYING. (FR)

J D'At de Saint-Foulic

232P REF PARIS, EDITIONS EYROLLES 1967 \$613.A8

Economics, Equipment, Irrigation, Plant water relations, Soil moisture, Spraying, Water consumptive use.

4660-69

THE IMPORTANT FOREST PESTS OF SPAIN.

O Eichhorn

CROP PROTECTION

4661-69

Anz Schadlingskunde 40(9):132-138 REF Sep 1967 421 AN9

Forest conservation, Fungus diseases (plants), Insect pests, Pinus, Populus, Quercus, Tree diseases. English summary. mentions many insects, fungi, diseases of Spanish forests.

4661-69

BIBLIOGRAPHY OF BIOLOGICAL CONTROL. VIII.

J M Franz W Laux

Entomophaga 8(4):263-321 REF

1963 421 EN835

Arthropoda, Bibliography, Biological control (pests), Indexes, Weeds. Introduction is in English, German and French.

RHIZOSPHERE ROOT EXUDATES AND THEIR EFFECT ON MICROBIAL ACTIVITY.

V Iswaran

Indian Agr Res Inst J Post-Grad School 5(2):212-218 REF

Dec 1967 22 IN2262

Amino acids, Biological control (plant diseases), Biosynthesis, Exudates, Metabolites, Microorganisms, Plant nutrition, Plant physiology, Rhizosphere, Root hairs, Saprophytes, Soil erosion, Soil microorganisms, Soil properties, Tables (data).

RED ROT IN RESIDUAL PONDEROSA PINE STANDS ON THE NAVAJO INDIAN RESERVA-

P C Lightle S R Andrews

US Forest Serv Rocky Mount Forest Range Exp Sta Pap RM (37):12P 1968 A99.9 F7632U

Aging, Labeling, Pinus ponderosa, Plant hardiness, Red rot, Research, Stand density, Tables (data), Tree diseases.

CULTIVATION OF THE SAPOGENIN-BEAR-ING DIOSCOREA SPECIES.

F W Martin M H Gaskins USDA Prod Res Rep (103):19P REF

Sep 1968 A281.9 AG8

Breeding, Crop varieties, Drug plants, Economics, Insect pests, Plant diseases, Plant hardiness, Plant physiology, Planting, Seedlings, Steroids, Tillage, Yams.

4665-69

ANNUAL REPORT OF THE DEPARTMENT OF AGRICULTURE FOR THE YEAR 1962/63. (II). 157P MAP REF ZOMBA, MALAWI,

GOVERNMENT PRINTER

1965 24 N98A

Agricultural economics, Agricultural industries, Agricultural statistics, Chemical control (weeds), Crop rotation, Crops, Ecology, Entomology, Experiment stations, Irrigation, Pest control, Soil structure. Discussion of a variety of crops.

4666-69

ZOOSPORE IN PHYTO PARASITICA VAR. SUBDARIFFAE. **ZOOSPORE PHYTOPHTHORA**

N Mukherjee

Indian J Mycol Res 4(112):61-65 REF

1966 450 IN29

Phytophthora parasitica, Plant physiology, Spore germination, Temperature, Zoospores.

OCCURRENCE OF ANTIBACTERIAL AND ANTIFUNGAL ACTINOMYCETES IN CULTIVATED SOILS OF WEST BENGAL.

S Mukhopadhyay

Indian J Mycol Res 4(112):66-68

1966 450 IN29

Actinomycetes, Antibiosis, Bacteria, Fungi, Soil microorganisms.

4668-69

PAPAYA BREEDING IN HAWAII.

H Y Nakasone

Agron Trop 17(4,OCT-DEC):391-399 1967 26 AG87

BIBLIOGRAPHY

Papayas, Plant breeding, Plant diseases. Diseases one of many problems noted. spanish summary.

CHANGES IN FUNGI WITH AGE. IV. ROLE OF COENZYMES IN THE RESPIRATORY DECREASES IN RHIZOCTONIA SOLANI AND SCLEROTIUM BATATICOLA.

G Nicolas D Gottlieb

J Gerontol 23(4):544-550 REF

Oct 1968 447.8 J824

Aging, Cells, Coenzymes, Fungi, Growth factors, Respiratory system, Rhizoctonia solani, Sclerotium bataticola, Tables (data).

PLANT PROTECTION IN AGRICULTURE. (GE

H-W Nolte

140P REF BERLIN, AKADEMIE VERLAG 1967 SB731.N6

Agriculture, Crop losses, Crops, Fungus diseases (plants), Plant injuries, Plant nematodes, Plant pests, Plant protection, Virus diseases (plants).

NOTES ON INSECT AND GASTROPODE DAMAGE TO ENCLOSED COTTON PLANTATIONS. (FR)

G Pierrard

Coton Fibres Trop 22(4):437-438

Dec 1967 73.8 C82

Aphididae, Cicadellidae, Cotton, Gastropoda, Insect cages, Insect pests, Plantations, Prodenia litura, Pseudococcus, Synthetic fibers. English and Spanish summaries.

THE EFFECTS OF SOIL STERILIZATION PROCEDURES ON THE MICROBIOLOGICAL EQUILIBRIUM OF THE SOIL. (FR)

Notiz Mal Piante (SER 3)(314):85-92

1967 464.8 N84

Antiseptics, Biocenosis, Fumigants, Fungi, Microbiology, Population, Soil microorganisms, Soil sterilization. English and Italian summaries.

4673-69

PLANT GROWTH **PROMOTING** METABOLITES METABOLITES OF SCLEROTINIA SCLEROTIORUM (II) THE SYNTHESIS OF SCLEROTININ B.

T Sassa H Aoki K Munakata

Tetrahedron Lett (54):5703-5705

Nov 1968 385 T29

Chemical reactions, Fungi, Metabolites, Plant growth regulator, Plant physiology, Rice, growth regulator, Plant physiology, Rice Sclerotinia sclerotiorum, Spectroscopy, Synthesis.

FAIRWAY DISEASE CONTROL.

R E Scobee

Midwest Reg Turf Conf Proc 1968 MEETING:27-

04 Mar 1968 60.19 M58

Curvularia, Helminthosporium, Leaf blight, Leaf spot, Melting out, Plant disease control, Plant diseases, Sclerotinia, Turf, Weed control.

MOSQUITO POLLINATION OF HABENARIA OBTUSATA (ORCHIDACEAE).

Amer J Bot 56(2):232-237 REF

Feb 1969 450 AM36

Insect cages, Insect Orchidaceae, Plant morphology, Pollination.

BASIS FOR A PROGRAM OF PAPAYA, CAR-ICA PAPAYA L., IMPROVMENT IN COLOM-BIA. (SP)

R Torres D Rios Castano

Agron Trop 17(4,OCT-DEC):353-359

1967 26 AG87

Papayas, Plant breeding, Virus diseases (plants). English summary.

4677-69

THE USE OF GROWTH PROMOTERS TO INCREASE POTATO YIELDS. (RUS A S Vecher M N Masny V N Reshetnikov A S

Snyatkov

Sel'skokhozyast Biol 3(4):609-611

1968 S13.S44

Crop yields, Growth factors, Plant physiology, Plant regulators, Potatoes, Tables (data).

EXPERIMENTAL HUSBANDRY FARM EXPERIENCE WITH HERBICIDES AND TILLAGE SYSTEMS FOR CEREAL GROWING.

Great Brit NAAS (nat Agr Adv Serv) Quart Rev (80,SUMMER):154-160

1968 241 G796

Crop yields, Economics, Farm management, Grain, Herbicides, Insect pests, Plant diseases, Soil properties, Tillage, Weeds.

DISEASES

4679-69

PESSIMISM OVER CROP DISEASES.

Farmer Stockbreeder 82(4123):20

17 Dec 1968 10 F228

Agricultural outlook, Conferences, Grain, Legislation, Plant diseases, Septoria, Soil-borne plant diseases, Stripe rust, Yellow dwarf.

ROLE OF POTASH APPLICATION IN REDUCING BLACK RUST OF WHEAT.

S C Agrawal S P Singh K P Gupta Indian J Agron 13(2):99-102

Jun 1968 22 IN235

Black rust, Chemical control (plant diseases), Fertilizers, Fungus diseases (plants), Potash, Potassium, Puccinia graminis tritici, Wheat.

CRYPTOGAMA DISEASES OF THE ROOT SYSTEM. PREVENTION AND CONTROL. (IT)

P Alghisi Notiz Mal Piante (SER 3)(3/4):45-66 REF 1967 464.8 N84

Cryptogamia, Cultural control (plant diseases), Fungus diseases (plants), Microorganisms, Population, Roots, Soil fungi. English summary.

NEW FUNGICIDE PROMISES EFFECTIVE AND ECONOMICAL PLANT DISEASE CON-TROL.

Anonymous

Orchardist New Zealand 41(8):265

Sep 1968 80 OR19

Agricultural economics, Bananas, Benlate, Chemical control (plant diseases), Fungicides, Fungus diseases (plants), Fusarium, Rhizoctonia solani, Verticillium albo-atrum.

4683-69

CO-OPERATIVE BANANA PESTS. **SPRAYING AGAINST**

Anonymous

Kenya Farmer (141):22

Apr 1968 24 R812 Bananas, Fungus diseases (plants), Fusarium oxysporum, Mycosphaerella musicola, Plant protection, Spraying.

4684-69

NEW FUNGICIDE FOR POTATO BLIGHT.

Anonymous

Aerial Appl 6(8):6

Aug 1968 333.8 AE8 Aerial spraying, Blight, Chemical control (plant diseases), Dosage, Fungicides, Fungus diseases (plants), Potatoes, Toxins, Triphenyltin hydroxide.

4685-69

THE EFFECT OF 3-AMINO-1,2,4-TRIAZOLE ON THE ULTRASTRUCTURE OF PLASTIDS OF TRITICUM VULGARE SEEDLINGS.

P C Bartels T E Weier Amer J Bot 56(1):1-7 REF Jan 1968 450 AM36

Amino-1,2,4-thiazole, 3-, Chlorosis, Light, Plant anatomy, Plant diseases, Plastids, Seed germination, Tissues, Wheat.

THE ACTION OF FORMAMIDE ON TURNIP YELLOW MOSAIC VIRUS: OBTAINING ARTIFICIAL CAPSIDS. (FR)

J P Bouley L Hirth

Acad Sci Compt Rend Ser D Sci Nat 266(4, 1ST SEMESTER):430-433

22 Jan 1968 505 P21

Formamide, Mosaic, Plant biochemistry Ribonucleic acid, Turnips, Virus diseases (plants). biochemistry,

DIAGNOSES OF PEAR DECLINE AND ROOT-STOCK IDENTIFICATION IN YOUNG PEAR ORCHARDS.

Catlin A A Millecan Calif Agr 21(7):10-11 Jul 1967 100 C12CAG

Chromatography, Decline, Phloem, Roots, Tree diseases. Diagnosis, Pears,

4688-69

PHYSIOLOGICAL STUDIES ON INCITANTS OF GUAVA WILT FUSARIUM SOLANI (MART.) APP. AND WR. EMEND SNYDER AND HANSEN AND MACROPHOMINA PHASEOLI (MAUBL.) ASHBY.

S B Chattopadhyay S K Bhattacharyya Indian J Mycol Res 4(112):22-31 REF

1966 450 IN29

Fungus cultures, Fungus diseases (plants), Fusari-um solani, Guavas, Macrophomina phaseoli, Plant physiology, Wilt.

HOST RANGE OF XANTHOMONAS ORYZAE IN THE PHILIPPINES.

S C Dalmacio O R Exconde Philippine Agr 51(4):283-289

Sep 1967 25 P542

Bacterial leaf blight, Plant hosts, Rice, Xanthomonas.

4690-69

THE RECIPROCAL RELATIONSHIPS IN MIXED CULTURES OF ENTOMOPHAGOUS FUNGI AND THE EFFECT OF SOME HYPHOMYCETES ON THEIR GROWTH. (GE)

Entomophaga Mem Hors Ser (2):159-161

1964 421 EN835M

Beauveria, Entomogenous fungi, Moniliales, Paecilomyces, Plant physiology, Soil fungi. French summary.

4691-69 WHEAT.

W E H Fiddian

Great Brit Min Agr Fish Food Agr 75(9):410-412 Sep 1968 10 G79J

Economics, Eyespot, Genetics, Mildew, Plant disease control, Plant disease resistance, Plant proteins, Stripe rust, Wheat.

EFFICIENCY OF SOME FUNGICIDES IN THE DISINFECTION OF THE CARNATION ROOTS. (IT)

A Garibaldi

Notiz Mal Piante (SER 3)(3/4):135-139

1967 464.8 N84

Captan, Chemical control (plant diseases), Dianthus caryophyllus, Dosage, Fungicides, Fungus diseases (plants), Fusarium roseum, Plant cuttings, Roots, Thiram. English summary.

THE RESISTANCE OF FX AND IAN RUBBER CLONES TO LEAF DISEASES IN BRAZIL.

J R Goncalves

Trop Agr &st Augustine & 45(4):331-336 Oct 1968 26 T754

Crop varieties, Dothidella ulei, Fungus diseases (plants), Leaves, Phytophthora palmivora, Plant disease resistance, Rubber.

SEED CONTAMINATION IN TRANSMISSION OF HALO BLIGHT IN BEANS.

R G Grogan K A Kimble Calif Agr 1(7):3-4

Jul 1967 100 C12CAG

Beans, Halo blight, Pseudomonas phaseolicola, Seed-borne plant diseases, Seeds.

NEEDED: A MIRACLE METHOD FOR SOIL BORNE DISEASE CONTROL.

W Horne

Farm Chem 131(9):60

Sep 1968 57.8 AM3

Chemical control (pests), Crop losses, Disease control, Pesticides, Plant diseases, Research, Soil analysis, Soil microorganisms, Soil-borne plant dis-

4696-69

INTER-SPECIES AND INTER-GENERA CROSSES IN CARICACEAS AND THEIR PHYTOTECHNICAL IMPLICATIONS. (SP)

S Horovitz H Jimenez

Agron Trop 17(4,OCT-DEC):323-343 REF 1967 26 AG87

Caricaceae, Papayas, Plant breeding, Plant disease resistance, Ring spot, Virus diseases (plants). English summary.

THE PROBLEM OF THE POTATO BLACKLEG DISEASE. (GE)

W Hunnius

Kartofelbau 19(4):106,108-109

Apr 1968 75.8 K145

Bacterial diseases (plants), Blackleg, Erwinia, Infectious diseases, Parasitism, Plant injuries, Plant protection, Potatoes, Storage, Symptomatology.

4698-69

1967 FIELD TRIALS ON CONTROL OF COFFEE BERRY DISEASE IN KENYA. I.-V.

P A Huxley J A Collins D M Fordyce M N Shaw E Griffiths B H Vine G H Freeman

Kenya Coffee 33(390):225-241

Jul 1968 68.29 C652

Coffee, Coffee berry disease, Colletotrichum coffeanum, Difolatan, Dosage, Fungicides, Fungus diseases (plants), Leaf rust, Plant protection, Research.

DISEASE CONTROL IN ORCHARDS. NONBEARING

B F Janson

Eastern Fruit Grower 30(10):4

Feb 1968 80 EA73

Apples, Canker, Captan, Cherries, Dinocap, Dodine, Fruit trees, Fungicides, Leaf curl, Leaf spot, Orchards, Peaches, Pears, Plant disease resistance, Plums, Powdery mildew, Scab, Spraying, Streptomycin, Sulfur.

4700-69

BLACK SPOT OF APPLE.

P T Jenkins

Victorian Hort Dig 11(3,SEP-NOV):2-4 1967 80 V662

Apples, Black spot, Chemical control (weeds), Fruit, Fungus diseases (plants), Plant physiology, Spraying, Venturia inaequalis.

THE ACTION OF UREA ON TURNIP YELLOW MOSAIC VIRUS. THE PROPERTIES OF RNA OBTAINED AT THE TIME OF ARTIFICIAL CAPSID FORMATION. (FR)

G Jonard D Ralijaona L Hirth

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2694-2697

05 Jun 1967 505 P21

Mosaic, Plant biochemistry, Ribonucleic acid, Turnips, Urea, Virus diseases (plants).

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY SEEDS, POLLEN AND CONTACT OF ROOTS. (GE)

L Kunze

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):56-62 REF

Jul 1968 410.9 G31M

Beans, Cuscuta, Longidorus elongatus, Mazzard cherries, Plant disease transmission, Pollen, Roots, Seed-borne plant diseases, Virus diseases (plants).

STUDIES ON PHYLLOSTICTA BLIGHT OF RICE.

N J Kurian L Moniz

Pocna Agr Coll Mag 58(2-3,JUN-SEP):55-62 1968 22 P79

Brachiaria mutica, Crop varieties, Fungus diseases (plants), Nomenclature, Oats, Panicum maximum, Phyllosticta, Plant disease resistance, Plant morphology, Plant physiology, Plant taxonomy, Rice, Sorghum, Tables (data)

4704-69

FIRST EVIDENCES OF VIRAL INFECTIONS IN PLANTS. (FR)

C Kurtz-Fritsch L Hirth

Acad Sci Compt Rend Ser D Sci Nat 265(3, 2ND SEMESTER):220-223

17 Jul 1967 505 P21

Mosaic, Plant disease resistance, Tobacco, Turnips, Virus diseases (plants).

THE VIRUSES OF THE BLACK AND RED CUR-RANT. (FR)

B Lantin

Phytoma 20(200, JUL-AUG):25-29 REF 1968 464.8 P563

Aphididae, Currants, Insect vectors, Mosaic, Nematodes, Plant disease transmission, Symptomatology, Vein banding, Virus diseases (plants), Yellows. Several other viruses are briefly mentioned.

4706-69

ANNUAL VARIATION IN PERSISTENCE AND TRANSMISSION OF HYPOMYCES HAE-MATOCOCCUS (BERK. AND BR.) WR. (FR) E Laville

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):904-906

13 Feb 1967 505 P21

Fungi dissemination, Fungus diseases (plants), Fungus physiology, Hypomyces, Plant disease transmission.

THE INFLUENCE OF ILLUMINATION ON THE DEVELOPMENT OF TUMORS CAUSED BY AGROBACTERIUM TUMEFACIENS (SMITH AND TOWN) CONN. ON PEA SEEDLINGS, PISUM SATIVUM L.. (FR)

Acad Sci Compt Rend Ser D Sci Nat 264(19, 1ST SEMESTER):2304-2306

08 May 1967 505 P21

P Manigault A Kurkdjian

Agrobacterium tumefaciens, Bacterial diseases (plants), Crown gall tumors, Light, Pisum sativum, Seedlings.

POLYSOME FORMATION WITH TOBACCO MOSAIC VIRUS RNA. A Marcus B Luginbill J Feeley

Nat Acad Sci Proc 59(4):1243-1250 REF

Apr 1968 500 N21P Nucleoproteins, Tobacco mosaic virus, Virus diseases (plants), Wheat.

ON THE ROLE OF THE PHENOL CONSTITUENTS IN THE COURSE OF INFECTION OF THE CACAOPODS OF THEOBROMA CACAO L. BY PHYTOPHTHORA PALMIVORA BUTL.. (FR)

M Meiffren J Tanguy

Acad Sci Compt Rend Ser D Sci Nat 265(16, 2ND SEMESTER):1131-1133

16 Oct, 1967 505 P21

Cacao, Fungus diseases (plants), Phenols, Phytophthora palmivora, Plant disease resistance.

STUDIES ON THE APPLICATION OF ELECTROPHORESIS TO THE ISOLATION OF RNA INFECTIVE FRACTIONS FROM TOBACCO PLANTS INFECTED WITH THE POTATO VIRUS X. I. CHARACTERISATION OF RNA PREPARATIONS FROM TOBACCO LEAVES, ANALYSED BY MEANS OF ELECTROPHORESIS IN COLOURED AGAR CELS (POL) SIS IN COLOURED AGAR GELS. (POL.)

K A Miczynski

Acta Agr Silvestria Ser Rolu 7(1):23-77 REF 1967 20.5 AC8

Agar, Electrophoresis, Gels, Leaves, Plant biochemistry, Potatoes, Research, Ribonucleic acid, Tobacco, Virus diseases (plants), Virus X. English and Russian summaries.

COMANDRA BLISTER RUST OF HARD PINES.

J L Mielke R C Krebill H R Powers U S Forest Serv Forest Pest Leafl 62.1-8 Aug 1968 A423.9 F764

Bark, Biological control (plant diseases), Blister Cronartium comandrae, Environment, Epidemiology, Fungus diseases (plants), Pinus.

4712-69

CONTRIBUTION TO THE STUDY OF A PARASITIC COMPLEX WHICH ATTACHES IT-SELF TO THE EXPOSED PARTS OF COTTON PLANTS AND CAUSES THEIR WITHERING.

J Montegut

Coton Fibres Trop 22(4):439-453

Dec 1967 73.8 C82

Cercospora lhuillieri, Cotton, Fungus diseases (plants), Macrophomina phaseoli, Parasitism, Phlyctaena gossypii, Phoma. English and Spanish summaries

THE INHERITANCE OF A NEW SOURCE OF RESISTANCE TO THE POTATO VIRUS Y IN PEPPER (CAPSICUM ANNUUM L.).

A Pahle

Bol Genet (3):23-28

May 1967 QK1.B62

Biological control (plant diseases), Breeding, Genes, Heredity, Mutation, Plant disease resistance, Plant genetics, Redpeppers (vegetable), Tables (data), Virus diseases (plants), Virus Y.

THE LAW OF HOST-PARASITE BALANCE IN THE PROCESS OF PATHOGENESIS AND ITS IMPLICATIONS IN ECOLOGY. (SP)

H Patino C

Agr Trop 24(3):167-171 REF

Mar 1968 26 AG8

Bacterial diseases (plants), Fungus diseases (plants), Host-parasite relations, Phytopathology, Plant ecology.

4715-69

DPA FOR SCALD CONTROL.

I D Peggie

Victorian Hort Dig 11(3:SEP-NOV):11-14 1967 80 V662

Apples, Chemical control (plant diseases), DPA, Fruit, Pesticide application, Plant physiological diseases, Scald, Spraying, Storage diseases, Temperature.

METHYL BROMIDE, TRIZONE AND TELONE PBC COMPARED IN THE CONTROL OF FUSARIUM WILT OF THE GREENHOUSE TO-MATO. (IT

G Perrotta M Salerno

Notiz Mal Piante (SER 3)(3/4):147-153

1967 464.8 N84

Chemical control (plant diseases), Chloropicrin, Dichloropropene, 1,3-, Fungus diseases (plants), Fusarium, Greenhouse culture, Methyl bromide, Propargyl bromide, Tomatoes, Trizone, Wilt. English summary.

4717-69

THE EFFECT OF ROOTSTOCKS ON THE TRANSFORMATION OF SOME FACTORS OF THE PHYSIOLOGICAL IMMUNITY LEAVES OF MILDEW-SUSCEPTIBLE GRAPE VARIETIES. (RUS)

A D Popov

Sel'skokhozyast Biol 3(4):572-575

1968 S13.S44

Crop varieties, Grapes, Horticulture, Leaves, Mildew, Phenolases, Plant pest resistance, Plant physiology, Rootstocks. English summary.

EFFECT OF MIXED SPORE INOCULA OF BOTRYTIS SSP. ON LESION DEVELOPMENT IN THE LEAVES OF BEAN (VICIA FABA L.).

R P Purkayastha

Indian J Mycol Res 4(112):51-53

1966 450 IN29

Botrytis, Broadbeans, Fungus cultures, Fungus diseases (plants), Lesions, Spores.

4719-69

BACTERIAL LEAF SPOT OF CHILLIES IN KERALA STATE.

L Remadevi K I Wilson

Agr Res J Kerala 5(1/2, MAR-SEP):82-83 1967 22 AG823

Bacterial diseases (plants), Bacterial leaf spot, Bush redpeppers (vegetable), Xanthomonas vesicatoria.

THE AMPROLIUM-ETHOPABATE COMBINA-TION. A NEW STAGE IN THE PREVENTION OF AVIAN COCCIDIOSIS. (FR)

Y Renou M Gug A Appert

Corcoricas Monde (JUL-AUG):8-13 REF

1968 47.8 C64

Amprolium, Bacterial diseases (animals), Chickens, Coccidae, Coccidiosis, Drug therapy, Ethopabate, Hydrochloric acid, Poultry diseases, Protozoal vaccines, Turkeys.

SUGAR BEET CROP PROTECTED THROUGH AERIAL APPLICATION.

F Russell

Aerial Appl 6(8):4-5

Aug 1968 333.8 AE8

Aerial spraying, Cercospora beticola, Chemical control (plant diseases), Copper sulfate, Crop yields, Plant protection, Sugar beets.

4722-69

BRONZING DISEASE OF RICE IN ORISSA AS INFLUENCED BY SOIL TYPES AND MANUR-ING AND ITS CONTROL.

B N Sahu

Indian Soc Soil Sci J 16(1):41-54

Mar 1968 56.9 IN2

Bronzing, Chemical control (plant diseases), Fertilizers, Iron, Manganese, Nitrogen, Phosphates, Plant diseases, Potash, Rice, Soil series, Spraying, Toxicity, Urea.

FUSARIUM FOOT ROT OF KENAF (HIBISCUS LANNABINUS L.) IN IRAN. (PE)

G Scharief J Akhavizadegan

Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl (26):1-16 Nov 1967 464.9 P432

Foot rot, Fungicides, Fungus diseases (plants), Fusarium, Hibiscus cannabinus, Phytophthora, Seed treatment, Spraying, Tables (data), Wilt. Article deals with experiments with many fungicides. nine species of fungi seen on kenaf in Iran are men-

4724-69

BACTERIAL BLIGHT ELMIMINATED FROM CALIFORNIA GINS.

W C Schnathorst

Calif Agr 21(12):11

Dec 1967 100 C12CAG

Bacterial diseases (plants), Blight, Cotton gins, Plant contamination, Upland cotton, Xanthomonas malvacearum.

DISINFECTION AND DISINFESTATION OF THE SOIL. PROCEEDINGS OF THE INTERNA-TIONAL CONGRESS ON PLANT DISEASE. SANREMO, 1-4 DECEMBER 1966. (IT)

Notiz Mal Piante (SER 3)(3/4):312P REF

1967 464 8 N84

Conferences, Fungicides, Nematocides, Nematodes, Pest control, Plant diseases, Soil fumigation, Soil sterilization.

THIRAM THINS GRANNY SMITH APPLES.

N Veinbrants

Victorian Hort Dig 11(3:SEP-NOV):18-20 1967 80 V662

Apples, Black spot, Carbaryl, Chemical control (plant diseases), Crop yields, Defoliants, Fungicides, Fungus diseases (plants), Spraying, Thinning (fruit), Thiram.

4727-69

CHEMICAL CONTROL OF SOME IMPORTANT CEREAL PLANT DISEASES IN INDIA.

D Vir

Indian Agr Res Inst J Post-Grad School 5(1):62-66 REF

Jun 1967 22 IN2262

Bacterial diseases (plants), Chemical control (plant diseases), Chemicals, Fungus diseases (plants), Grain, Plant diseases, Plant protection, Virus diseases (plants).

4728-69

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY ARTHROPODS. (GE)

H L Weidemann

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):5-23 REF

Jul 1968 410.9 G31M

Bibliography, Insect vectors, Methodology, Plant disease transmission, Reviews, Virus diseases (plants).

4729-69

FORM AND MECHANISM OF TRANSMISSION OF PLANT VIRUSES. TRANSMISSION OF VIRUSES BY NEMATODES. (GE)

B Weischer

Berlin Biol Bundesanst Land-forstwirtsch Mitt (128):24-38 REF

Jul 1968 410.9 G31M

Bibliography, Host records, Host relationships, Nematode vectors, Plant disease transmission, Reviews, Virus diseases (plants).

FUNGUS DISEASES OF BERMUDAGRASS AND OVERSEEDED COOLSEASON GRASSES ON GOLF GREENS.

H D Wells

Southeast Turfgrass Conf Proc 21:38-41

Apr 1967 60.19 SO86

Cynodon dactylon, Fungus diseases (plants), Golf courses, Grasses, Leaf spot, Plant disease control.

SEVERAL MEASURES USED TO COMBAT FRUIT PLANT VIRUSES.

M F Welsh

Eastern Fruit Grower 30(10):6,13-14

Feb 1968 80 EA73

Amphorophora rubi, Cultural control (plant diseases), Eriophyes incidiosis, Fruit culture, Insect control, Insect vectors, Plant pest resistance, Spraying, Virus diseases (plants).

4732-69

INFECTION PROTECTS **BEANS** RUST AGAINST HEAT INJURY.

C E Yarwood

Nature 220(5169):813 23 Nov 1968 472 N21

Beans, Fungus diseases (plants), Heat, Plant hardiness, Plant injuries, Plant protection, Rust, Uromyces phaseoli.

4733-69

INOCULATION OF CARICA PAPAYA L. WITH THE RINGSPOT DISTORTION VIRUS UNDER VARIOUS CONDITIONS. (SP)

D M Zerpa

Agron Trop 17(4,OCT-DEC):361-370

1967 26 AG87

Hydroxyproline, Papayas, Plant breeding, Plant disease resistance, Plant extracts, Ring spot, Virus diseases (plants). English summary.

BLACK STEM- THE SECOND STEM DISEASE OF GRAINS. (GE)

B Zwatz

Pflanzenarzt 20(5):52-53

01 May 1967 464.9 P482

Agropyron repens, Black stem, Chemical control (plant diseases), Crop rotation, Fungus diseases (plants), Grain, Organic compounds, Plant hosts, Soil moisture, Wheat.

ARTHROPODS

4735-69

SOME PESTS OF ORNAMENTAL PLANTS IN MADRAS.

E V Abraham M D Padmanabhan Indian Hort 12(2,JAN-MAR):31-32 1968 80 IN23

Acrididae, Agrotis, Aldrin, Benzene hexachloride, Chemical control (insects), Chlorinated hydrocarbons, Chrysomelidae, DDT, Heptachlor, Insect Insecticides, Macropopillia arrowi, Ornamental plants, Phytometra.

4736-69

THE RELATIONSHIP OF SOME INSECTS (A-PHIDIDAE, LARGIDAE, PENTATOMIDAE, COCCINELLIDAE AND MALACHIIDAE) TO THE PEARLHAIRS OR GLANDULIFORM EMERGENCES OF CARICA PAPAYA L. (SP

J C M Acosta

Agron Trop 17(4,OCT-DEC):371-380 REF 1967 26 AG87

Aphididae, Attractants, Coccinellidae, Collops, Glands (plants), Insect pests, Largus cinctus, Nezara viridula, Papayas, Secretion. English summary.

4737-69

SPIDER MITES ON COTTON; HOW TO CON-TROL THEM.

U S D A Leafl (502):6P

Nov 1968 1 AG84L

Acaricides, Cotton, Insect biology, Insect pests, Pesticide application, Plant injuries, Plant pest control, Plant protective devices, Protective clothing, Tetranychidae.

4738-69

DRENCH YOUR TREES AGAINST SAN JOSE SCALE.

Anonymous

Victorian Hort Dig 11(2,MAY-JUL):6

1967 80 V662

Aspidiotus perniciosus, Chemical control (insects), Equipment, Fruit, Pesticide application, Spraying,

4739-69

CONTROL OF DATE PALM LEAFHOPPERS IN IRAQ BY AERIAL SPRAYING.

Anonymous Aerial Appl 6(8):11 Aug 1968 333.8 AE8 Aerial spraying, Chemical control (insects), Cicadellidae, Dates, Dichlorvos, Insect pests, Plant

4740-69

THRIPS INFESTING THE **TIPS** OF ASPARAGUS SPEARS.

F L Banham

Entomol Soc Brit Columbia Proc 65:16-18

01 Aug 1968 420 B77

Asparagus, Frankliniella tritici, Insect pests, Thrips tabaci, Weed control.

THE BIOLOGICAL CONTROL OF RED SCALE, AONIDIELLA AURANTII (MASK.), ON CITRUS IN SOUTH AFRICA.

E C G Bedford

Entomol Soc Southern Afr J 31(1):1-15 REF

Mar 1968 420 EN86

Aonidiella aurantii, Biological control (insects), Citrus.

4742-69

THE MEANING AND DEFINITION OF BIOLOGICAL CONTROL.

B P Beirne

Entomophaga 8(4):237-243

1963 421 EN835

Biological control (pests), Insect pests, Microorganisms, Plant pest control. French and German

4743-69

INSECT AND MITE CONTROL ON NURSERY STOCK IN OHIO.

R L Campbell R L Miller

Ohio Agr Exp Sta Dep Zool Ent Publ Ser (SER 33):11P

1967 100 OH3PU

Accident prevention, Chemical control (insects), Chemical control (pests), Host indexing (plants), Insect identification, Insect pests, Insecticides, Mites, Nurseries, Pesticides, Spraying. Suggestions for control of 20 pests most often reported by Ohio state nursery inspectors are given.

4744-69

THE BIOLOGY AND CONTROL OF ARCHIPS OCCIDENTALIS (WALS.) AND TORTRIX DINOTA MEYR. (LEPIDOPTERA: TORTRICIDAE) ON COFFEE IN KENYA.

D E Evans O Andrade W M Mathenge

Entomol Soc Southern Afr J 31(1):133-140 REF Mar 1968 420 EN86

Chemical control (insects), Coffee, Insect biology, Insect control, Life cycle, Natural control (insects), Tortricidae, Trichlorfon.

A STUDY OF PHANEROTOMA TOREUTAE, A PARASITE OF THE PINE CONE MOTH LASPEYRESIA TOREUTA.

J R Harbo K J Kraft

Entomol Soc Amer Ann 62(1):214-220 REF

15 Jan 1969 420 EN82

Biological control (insects), Braconidae, Forest insects, Insect ecology, Insect eggs, Insect pests, Insect physiology, Larvae, Laspeyresia toreuta, physiology, Larvae, Laspeyresia to-physiology, Larvae, Laspeyresia to-hreutidae, Parasitic insects, Phanerotoma Olethreutidae, toreutae, Pinus banksiana, Pinus contorta, Pinus echinata, Pinus resinosa, Pinus taeda, Pinus virgini-

4746-69

A NEW GENE FROM RUBUS OCCIDENTALIS L. FOR RESISTANCE TO STRAINS 1, 2 AND 3 OF THE RUBUS APHID, AMPHOROPHORA RUBI KALT.

E Keep R L Knight

Euphytica 16(2):209-214 REF

Sep 1967 450 EU6

Amphorophora rubi, Aphididae, Genetics, Plant disease resistance, Raspberries.

HARD-TO-KILL PESTS OF FRUIT TREES--WOOLLY APPLE-APHID.

H F Lower

S Australia J Agr 72(1):14-15

Aug 1968 23 SO84

Aphididae, Apples, Chemical control (insects), Crop varieties, Eriosoma lanigerum, Insect pests, Insecticide resistant insects, Insecticides, Plant pest resistance.

4748-69

NARCISSUS FLIES.

Great Brit Min Agr Fish Food Adv Leafl 183:6P May 1968 10 G79LA

Aldrin, Benzene hexachloride, Chemical control (insects), Dieldrin, Eumerus strigatus, Eumerus tuidentification, berculatus, Insect identification, Maggots, Merodon equestris, Narcissus, Plant nematodes, Plant protection.

4749-69

PRELIMINARY OBSERVATIONS ON THE CHOICE OF HOST PLANTS BY ADULTS OF THE CITRUS PSYLLA, TRIOZA ERYPREAE (DEL GUERCIO) (HOMOPTERA: PSYLLIDAE). V C Moran

Entomol Soc Southern Afr J 31(2):403-410 MAP REF

Sep 1968 420 EN86

Food habits, Host plants, Plant geography, Psyllidae, Rutaceae, Zoogeography.

RESULTS OF A STUDY ON CONTROLLING TIPULA OLERCEA L. SHOWING A MARKED RESISTANCE TO SOME CHLORORGANIC IN-SECTICIDES. (IT)

A Muro

Il Tobacco 81(724/725,JUL-DEC):41-53 REF 1967 69.8 T115

Chemical control (insects), Chlorinated hydrocarbons, Insecticide resistant insects, Insecticides, Larvae, Organophosphorus compounds, Tipula oleracea, Tobacco. Aldrin, dieldrin, DDT and heptachlor were ineffective while lindane, heptachlor epoxide, phorate, chlordane, and granulated parathion were effective.

4751-69

INFLUENCE OF INFESTATION BY EARLY SHOOT BORER CHILOTRAEA INFUSCATEL-LUS SN. ON SHOOT PRODUCTION AND YIELD OF SUGARCANE.

C S Rad

Andhra Agr J 14(5):131-142 REF 1967 34.2 AN4

Chemical control (insects), Chilotraea infuscatellus, Crop yields, Endrin, Insect pests, Sugarcane.

STUDIES ON THE POPULATION OF THE APHID PENTALONIA NIGRONERVOSA COQ. ON BANANA PLANTS IN KERALA.

M Ramanathamenon S P Christudas Agr Res J Kerala 5(1/2, MAR-SEP):84-86 1967 22 AG823

Aphididae, Bananas, Bunchy top, Climate, Crop varieties, Insect vectors, Pentalonia nigronervosa, Plant disease transmission, Population, Virus diseases (plants).

4753-69

AND GALL MITES IN THE MORPHOGENESIS AND HISTO-CYTOLOGICAL DEVELOPMENT OF TWO CHERMESIDAE GALLS. PLACED IN EVIDENCE BY THE ACHIEVEMENT OF TWO SIMILARLY MIXED GALLS. (FR)

O Rohfritsch

Acad Sci Compt Rend Ser D Sci Nat 264(7, 1ST SEMESTER):933-935

13 Feb 1967 505 P21

Adelges, Plant cytology, Plant galls, Plant histology, Plant morphology

PROTECTING LARCH LOGS FROM TETROPIUM VELUTINUM LECONTE WITH LINDANE EMULSION.

D A Ross N J Geistlinger Entomol Soc Brit Columbia Proc 65:14-15 01 Aug 1968 420 B77

CROP PROTECTION

4755-69

Chemical control (insects), Emulsions, Larix occidentalis, Lindane, Logs, Tetropium velutinum, Wood borers, Wood-destroying insects.

STUDY OF THE DEPENDENCE OF THE POPU-LATION DYNAMIC OF THE APPLE MOTH (CARPOCAPSA POMONELLA L.) ON THE FRUIT YIELD OF THE HOSTPLANT. (GE)

Pflanzenschutzberichte 35(11/12):165-184

Jun 1967 464.9 P48

Apples, Carpocapsa pomonella, Crop yields, Demography, Insect migration, Integrated control (insects), Plant hosts, Statistical analysis, Tables (data).

4756-69

ATTACK ON MOCO COTTON BY PINK BOLL-WORM IN CEARA. (POR)

J H R dos Santos

Soc Cearense Agron Bol 8:97-100 Jun 1967 9.2 SO14B

Crop yields, Fibers, Pectinophora gossypiella, Plant pests, Seed insects, Seed production (horticulture), Upland cotton. English abstract.

4757-69

TOXICITY OF ORGANOPHOSPHOROUS IN-SECTICIDES APPLIED AS FOLIAR SPRAY, SOIL DRENCH AND SEED TREATMENT TO APHIS GOSSYPII GLOVER (APHIDIDAE: HOMOPTERA).

J M Satpathy G K Padhi D N Dutt Indian J Agr Sci 38(5):850-855 REF

Oct 1968 22 AG83I

Aphis gossypii, Chemical control (insects), Dimethoate, Ekatin, Insecticide residues, Methyl demeton, Organophosphorus insecticides, Seed treatment, Soil treatment, Spraying.

Aphis gossypii was successfully controlled by dimethoate, methyl demeton, and thiomethion applied as foliar spray, soil drench and seed treatment with good residual activity.

STUDY OF THE VIRUS DISEASE OF NEODIPRION SWAINEI MIDD. AND RESULTS OF ITS AERIAL DISPERSION.

W A Smirnoff

Entomophaga Mem Hors Ser (2):475-476 1964 421 EN835M

Aerial spraying, Biological control (insects), Insect diseases, Insect pests, Neodiprion swainei, Pinus banksiana, Polyhedroses. French summary.

DON'T TAKE LIGHTLY THESE BRINJAL BORERS.

V K Srivastava B P Khare

Indian Hort 12(2,JAN-MAR):34

1968 80 IN23

Carbamates, Carbaryl, Chemical control (insects), Chlorinated hydrocarbons, DDT, Dusting, Egg-plant, Endrin, Euzophera perticella, Insecticides, Leucinodes orbonalis, Lindane, Pyralidae, Spraying.

4760-69

RESISTANCE OF LYCOPERSICON SPECIES TO THE CARMINE SPIDER MITE.

A K Stoner A C Centile

USDA Prod Res Rep (102):1-7

Oct 1968 A281.9 AG8

Biological control (insects), Crop varieties, Insect pests, Plant breeding, Plant injuries, Plant pest resistance, Tables (data), Tetranychus cinnabarinus, Tomatoes.

4761-69

THE CICADELLE EMPOASCA FLAVESCENS AND THE GRILL OF GRAPEVINES IN THE SOUTH-WEST OF FRANCE. (FR)

J Touzeau

Phytoma 20(200, JUL-AUG):31-35 REF

1968 464.8 P563

Carbaryl, Crop losses, Crop varieties, DDT, Empoasca flavescens, Formothion, Grape vineyards, Insect biology, Insect identification, Insect pests, Insecticides, Resistance, Zoogeography.

BIBLIOGRAPHY

PRUNING PRODUCES PERFECT, PEST-FREE PEACHES.

M Wilbur

Org Gard Farming 15(7):62-63

Jul 1968 57.8 OR32

Fertilizer application, Peaches, Plant pest resistance, Pruning. This article is about the authors personal experience

4763-69

IMPORTED AND INDIGENOUS NATURAL ENEMIES OF CITRUS COCCIDS AND APHIDS IN CYPRUS, AND AN ASSESSMENT OF THEIR POTENTIAL VALUE IN INTEGRATED CONTROL PROGRAMMES.

B J Wood

Entomophaga 8(1):67-82 REF

1963 421 EN835

Aonidiella aurantii, Aphididae, **Aphytis** lepidosaphes, Biological control (insects), Citrus, Coccidae, Dieldrin, Dusting, Formicidae, Insecticides, Integrated control (insects), Lepidosaphes beckii. French summary.

NEMATODES

4764-69

DOMESTIC QUARANTINE NOTICES. SOYBEAN CYST NEMATODE. QUARANTINE AND REGULATIONS.

R J Anderson

Fed Regist 34(6):303-305

09 Jan 1969 L1.451

Agricultural regulation, Heterodera glycines, Interstate commerce, Legislation, Plant nematodes, Plant quarantine, Soybeans.

4765-69

SEX LURE HOAX MAY PROVE MALE BEET WIREWORM'S UNDOING.

Anonymous

Holly Agr News 16(4,WINTER):27

1969 66.8 H72

Baits, Chemical control (pests), Lettuce, Limonius californicus, Plant injuries, Plant protection, Potatoes, Sex, Sugar beets.

TESTS OF NEMATOCIDAL FUMIGANTS IN THE CONTROL OF THE NEMATODES OF BEETS (HETERODERA SCHACHTII SCHM. AND MELOIDOGYNE SPP.). (IT)

G C Bongiovanni

Notiz Mal Piante (SER 3)(3/4):155-175 REF 1967 464.8 N84

Chemical control (nematodes), Fumigants, Heterodera schachtii, Meloidogyne, Nematocides, Plant nematodes, Sugar beets, Testing. English summary.

4767-69

THE ROLE OF NEMATODES IN HORTICUL-TURE.

G S Grandison

Com Hort Floristry New Zeal 1(7): 193-196 Feb 1968 SB13.C59

Anatomy, Chemical control (nematodes), Crop rotation, Fallowing, Horticulture, Insect behavior, Nematocides, Nematodes, Parasitism, Plant diseases, Plant nematode resistance, Predaceous nematodes, Saprophytes, Symptomatology.

4768-69

NEMATODES ATTACK BANANAS.

D L Milne F A Kuhne

Farming So Afr 44(5):5,9

Aug 1968 24 SO842

Bananas, Helicotylenchus multicinctus, Meloidogyne javanica, Plant nematodes, Plant protection.

4769-69

FUMIGANTS AND SPECIFIC NEMATOCIDES IN THE CONTROL OF PHYTOPHAGOUS NE-MATODES. (IT)

A Scoguamiglio N Giandomenico

Notiz Mal Piante (SER 3)(3/4):19-44 REF

1967 464.8 N84

Chemical control (nematodes), Fumigants, Nematocides, Plant nematodes, Soil fumigation. English summary.

WEEDS

4770-69

BLACKBERRY CONTROL NEAR ORCHARDS AND VEGETABLE GARDENS.

R Amor

Victorian Hort Dig 11(2,MAY-JUL):16

1967 80 V662

Amitrole, Blackberries, Chemical control (weeds), Esters, Herbicides, Orchards, Plant injuries, T, 2,4,5-, Tordon, Vegetables.

STUDIES ON CHEMICAL WEED CONTROL WITH FODDER KALE. (GE)

R Bassler

Albrecht-Thaer-Arch 12(3):295-306 REF

1968 18 AL1

Chemical control (weeds), Desmetryne, Feed, Herbicides, Kale, Prometryne, Propazine, Simazine. English and Russian summaries. prometryne was the most effective herbicide.

TEST RESULTS WITH PATORAN. (GE)

S Behrendt

Kartofelbau 19(4):102

Apr 1968 75.8 K145 Bromophenyl)-1-methoxy-1-methylurea, 3-(p-, Centaurea cyanus, Chemical control (weeds), Crop rotation, Herbicides, Potatoes.

4773-69

POSSIBILITIES OF LIMITING TILLAGE MEA-SURES IN POTATO CULTURES WHEN USING HERBICIDES. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

H Domanska

31-41

1966 SB951.U8

Ametryne, Herbicides, Plant nutrition, Potatoes, Tables (data), Tillage. Czech and Russian summaries. tests of many herbicides against 10 common

4774-69

COMPARISON OF VARIOUS METHODS FOR THE DETERMINATION OF THE HERBICIDAL ACTION OF HERBICIDE PREPARATIONS AGAINST ANNUAL WEEDS IN SUGARBEETS AND POTATOES. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21.24 1966 (GF) 21-24, 1966. (GE

G Feyerabend W Hamann

1-9

1966 SB951.U8

Annual plants, Chemical control (weeds), Chenopodium album, Evaluation, Herbicides, Matricaria chamomilla, Methodology, Potatoes, Sugar beets, Weeds. Czech and Russian summaries.

CHEMICAL WEED CONTROL AND DEFOLIA-TION IN POTATO FIELDS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNA-TIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

A Gimesi

27-30

1966 SB951.U8

Aerial spraying, Chemical control (weeds), Costs, Defoliation, Mercapto compounds, Monolinuron, Potatoes, Triazine. Czech and Russian summaries.

SOME OBSERVATIONS ON ECOLOGICAL, PHYSIOLOGICAL AND B ASPECTS OF WEED CONTROL. BIOCHEMICAL

R Gopal A Mishra P A Chandhokar T K Chakraborty M M Hosmani

Indian Agr Res Inst J Post-Grad School 5(1):67-

Jun 1967 22 IN2262

Ecology, Environment, Plant biochemistry, Plant physiology, Soils, Weed control.

RESPONSE OF MIXED CROP OF WHEAT AND RAPE TO THREE CHLOROPHENOXY HERBI-CIDES.

O P Gupta V S Mani

Indian J Agron 13(2):125-127

Jun 1968 22 IN235

Chemical control (weeds), Dichlorophenoxy)butyric acid, 4-(2,4-, Herbicides, Methyl-4-chlorophenoxy)butyric acid, 4-(2-, Phenoxy acid compounds, Plant physiology, Rape, Sesone, Weed control, Wheat.

FINESSE IN WEED CONTROL.

C F Kerr

Midwest Reg Turf Conf Proc 1968 MEETING:33-

04 Mar 1968 60.19 M58

D, 2,4-, Dicamba, Digitaria, Herbicides, Mecoprop, Phenoxy acid compounds, Poa annua, Tricalcium arsenate, Weed control.

WEED CONTROL STUDIES IN STRAWBER-RIES.

A H Lange H Agamalian W A Humphrey V Voth Calif Agr 21(12):8-9

Dec 1967 100 C12CAG

Chemical control (weeds), Chlorinated hydrocarbons, Dacthal, Diphenamid, Herbicides, Research, Strawberries, Weed control.

STUDIES OF PHYTOTOXICITY IN THE USE OF HERBICIDES FOR CONTROLLING ANNUAL WEEDS IN ALMOND ORCHARDS.

Lange C Elmore D Bayer E Stilwell L

Buschmann N Ross

Calif Agr 21(6):8-10

Jun 1967 100 C12CAG

Almonds, Chemical control (weeds), D, 2,4-, Dinoseb, Diuron, Herbicides, Nitrated phenols, Pentachlorophenol, Phenoxy acid compounds, Phytotoxicity, Weeds.

WEED CONTROL IN POTATO CULTURES WITHOUT ADVERSE EFFECTS ON THE POTATO QUALITY. (GE)

C Patzold

Kartofelbau 19(4):104-106

Apr 1968 75.8 K145

Chemical control (weeds), Chlorophenyl)-1-methoxy-1-methyl-urea, 3-(p-, Cultural control (weeds), Potatoes, Simazine, Weed control.

WEEDS AND THEIR CONTROL.

S V Rangaswamy D S Rao

Lal-Baugh 13(2,APR-JUN):18-24

1967 80 L15

Biological control (weeds), Chemical control (weeds), Crop rotation, Cultural control (weeds), D, 2,4-, Herbicides, Labor productivity, Methyl-4-chlorophenoxyacetic acid, 2-, Phenoxy acid compounds, Soil sterilization, Trichloroacetic acid, Weed control. There is a list of the common weeds found in india found in india

4783-69

4783-69
RESULTS OF TESTS WITH A NEW CORN
CULTIVATION TECHNOLOGY, USING A
MINIMUM OF WORK EFFORT AND THE EFFECTIVENESS OF NEW HERBICIDES UNDER
THE CONDITIONS PREVAILING IN THE SOCIALIST RUMANIAN REPUBLIC. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE. TERNATIONAL HERBICIDE CONFERENCE, PRAGUE, JUNE 21-24, 1966. (RUS)

D N Sharpe

49-61

1966 SB951.U8

Atrazine, Corn, Crop rotation, Economic plants, Herbicides, Methodology, Tables (data), Tillage. German and Czech summaries.

4784-69

COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFERENCE. PRAGUE, CZECHOSLOVAKIA, 21-24 JUNE 1966. (CZ)

J Zakopal

192P PRAGUE, USTREDNI VYZKUMNY USTAV ROSTLINNE VYROBY

1966 SB951.U8

Conferences, Herbicides, Reports. German, Russian or Czech summaries.

STUDY OF THE SELECTIVITY OF HERBI-CIDES FOR SUGARBEETS, USING LABORA-TORY, GREENHOUSE AND PHYSIOLOGICAL METHODS. IN: COLLECTION OF REPORTS GIVEN AT THE INTERNATIONAL HERBICIDE CONFEDENCE BRACHE HIME 21 24 1066 CONFERENCE, PRAGUE, JUNE 21-24, 1966. (GE)

J Zemanek

19-25

1966 SB951.U8

Brassica, Catalase, Chemical control (weeds), Herbicides, Lenacil, Methodology, Peroxidases, Phytotoxicity, Plant respiration, Pyrazon, Sugar beets. Czech and Russian summaries.

OTHER PESTS

4786-69

BIOLOGICAL CONTROL OF SNAILS EX-ERTED BY EUGLANDINA ROSEA (FERUSSAC) IN BERMUDA.

F J Simmonds I W Hughes Entomophaga 8(3):219-222 7AP

1963 421 EN835

Biological control (pests), Euglandina rosea, Flowers, Population, Snails, Vegetables. French

LIVESTOCK PROTECTION

THE NOURISHMENT OF MILK CALVES IS ES-SENTIAL FOR THE FUTURE OF THE PRODUCT. (FR)

J M de Proce

Corcoricas Monde (JUL-AUG):19-20

1968 47.8 C64

Agricultural outlook, Animal nutrition, Antibiotics, Buttermilk, Calves, Colostrum, Dairy barns, Milk, Minerals, Skim milk, Vitamins.

PHOSPHOSULPHATE.
A S Balasubser STUDIES ON ENZYME SYNTHESIS CEREBROSIDE SULPHATE FROM OF

A S Balasubramanian B K Bachhawat Indian J Biochem 2(4):212-216 REF

Dec 1965 QP501.I48

Biochemistry, Brain, Cerebrosides, Enzymes, Phosphoadenosine-5'-phosphosulphate, 3'-, Research, Sheep, Sulfates.

4789-69

THE INDIVIDUAL. (FR)

J D'Arces

Corcoricas Monde (JUL-AUG):16-18

1968 47.8 C64

Agricultural productivity, Animal breeding, Animal diseases, Animal morphology, Animal physiology, Economic conditions.

OUTLINE OF SYRIAN PARASITOLOGY.

W Eichler

Angew Parasitol 9(4):216-225 REF

Dec 1968 436.8 AN4

Catalogs, Helminthiasis, Host relationships, Medical entomology, Parasites, Parasitology, Reviews.

RELEASE OF SIALIC ACID FROM CASEINS OF COW AND BUFFALO MILK BY COW AND BUFFALO RENNETS.

S K Gupta N C Ganguli

Indian J Biochem 2(4):253-256 REF

Dec 1965 QP501.I48

Biochemistry, Buffaloes, Casein, Dairy cattle, Milk, Sialic acids.

4792-69

OXIDATIVE ENZYMES IN ESCHERICHIA COLI PLASMA MEMBRANE.

A M Kidwai C R K Murti

Indian J Biochem 2(4):217-219 REF

Dec 1965 QP501.I48

Biochemistry, Enzymes, Escherichia coli, Plasma membrane.

DISEASES

4793-69

THE REAPPEARANCE OF RABIES IN FRANCE. FIRST CASE IN A FOX IN MOSELLE.

P Atanasiu A Gamet P Graviere M Le Guilloux J C Guillon

Acad Vet France Bull 41(4):161-163

Apr 1968 41.9 R24

Foxes, Rabies, Sanitation, Virus diseases (animals).

STUDY OF THE MULTIPLICATION, IN A UNIQUE CLONE CYCLE, OF CLASSIC SWINE FEVER VIRUS IN AN IMMUNOFLUORESCENT MEDIUM. (FR)

J M Aynaud

Acad Sci Compt Rend Ser D Sci Nat 266(5 1ST SEMESTER):535-537

29 Jan 1968 505 P21

Hog cholera virus, Immunofluorescence, Reproduction, Tissue culture, Virus diseases Immunofluorescence, (animals), Viruses.

4795-69

SENSITIVENESS OF E. COLI ISOLATED FROM THE INTESTINES OF BROILERS IN THE TERRAIN TO CHLORTETRACYCLIN, STREPTOMYCIN AND FURAZOLIDON IN 1966. (CZ)

S Bartos J Lebduska V Horakova

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(1):63-68 REF

Jan 1968 4I.9 C333

Allergies, Chicken types (meat), Chlortetracycline, Escherichia coli, Feed concentrates, Feed toxicity, Furazolidone, Intestines, Streptomycin. English, German, and Russian summaries.

INTERMEDIATE ENERGY METABOLISM OF

LEPTOSPIRA. J B Baseman C D Cox

J Bacteriol 97(3):992-1000 REF

Mar 1969 448.3 J82

Biochemistry, Enzymes, Fatty acids, Leptospira, Metabolism.

LIVESTOCK PROTECTION

4797-69

4797-69

TERMINAL ELECTRON TRANSPORT IN LEP-TOSPIRA.

J B Baseman C D Cox J Bacteriol 97(3):1001-1004 REF

Mar 1969 448.3 J82

Biochemistry, Cytochromes, Electron transport, Leptospira.

4798-69

RESPIRATORY DISEASE IN THE PIG. II.

T B Blandford

State Vet J 23(68):114-123

May 1968 SF601.S8

Bacterial diseases (animals), Diagnosis, Epidemiology, Helminthiasis, Inclusion-body rhinitis virus, Livestock diseases, Pneumonia, Pseudorabies, Respiratory diseases, Swine, Swine influenza, Virus diseases (animals).

4799-69

FLUORESCENT ANTIBODY TECHNIQUES FOR VESICULAR STOMATITIS VIRUS.

C L Brown E W Jenney

U S Agr Res Serv ARS- (70):33-35

Dec 1968 A41.9 R315AR

Complement fixation, Diagnosis, Fluorescent antibody technic, Methodology, Vesicular stomatitis virus, Virology, Virus diseases (animals).

EXPERIMENTAL TRANSMISSION OF PLAGUE BY SYNOPSYLLUS FONQUERNIEI OF MADAGASCAR. (FR)

E R Brygoo A Dodin

Acad Sci Compt Rend Ser D Sci Nat 264(4, 1ST SEMESTER):681-682

23 Jan 1967 505 P21

Insect vectors, Rats, Xenopsylla cheopsis.

REGULATION OF BRANCHED-CHAIN AMINO ACID BIOSYNTHESIS IN SALMONELLA TY-PHIMURIUM: ISOLATION OF REGULATORY MUTANTS.

J M Calvo M Freundlich H E Umbarger J Bacteriol 97(3):1272-1282 REF

Mar 1969 448.3 J82

Amino acids, Biochemistry, Genetics, Leucine, Metabolism, Mutations, Salmonella typhimurium, Synthesis.

4802-69

VIRULENCE, ADSORBABILITY, AND ANTIGENICITY OF FOOT-AND-MOUTH DISEASE VIRUS SELECTED BY ADSORPTION WITH HOMOGENIZED MOUSE KIDNEY.

C H Campbell

Arch Gesamte Virusforsch 26(3):238-248 REF Feb 1969 448.3 AR23

Cattle, Foot-and-mouth disease virus, Immunogenicity, Mice, Serological tests.

4803-69

THE FOCAL DISTRIBUTION OF LESIONS OF PORCINE HYPERNATREMIC EOSINOPHILIC MENINGO-ENCEPHALITIS FOR DIAGNOSTIC PURPOSES.

D R Cassidy H A Nelson

U S Agr Res Serv ARS- (70):52-53

Dec 1968 A41.9 R315AR

Diagnosis, Eosinophils, Livestock diseases, Meningo-encephalitis, Sodium, Swine.

4804-69

STUDIES OF SERUM ENZYMES IN SWINE INFECTED BY TWO STRAINS OF HOG CHOLERA VIRUS.

D R Cassidy S A Seberg

U S Agr Res Serv ARS- (70):18-22

Dec 1968 A41.9 R315AR

Acid phosphatase, Alkaline phosphatase, Blood analysis, Enzymes, Hog cholera virus, Lactate dehydrogenase, Research, Serum, Swine, Virology, Virus diseases (animals).

CHROMOSOME REPLICATION IN MONELLA TYPHIMURIUM. SAL- **BIBLIOGRAPHY**

H Chan K G Lark

J Bacteriol 97(27):848-860 REF

Feb 1969 448.3 J82

Bacterial diseases (animals), Chemicals, Chromosomes, Deoxyribonucleic acid, Genetics, Radioactive tracers, Salmonella typhimurium.

RESEARCH ON THE ONCOGENIC CONSTITUENTS OF THREE ZONES OF HEMAGGLUTINATING ACTIVITY, OBTAINED BY CENTRIFUGATION OF POLYOMA VIRUS PURIFIED IN DENSITY GRADIENTS WITH CESI-UM CHLORIDE. (FR)

R Cramer P Demerseman P Atanasiu Acad Sci Compt Rend Ser D Sci Nat 265(4, 2ND SEMESTER):378-381 REF

24 Jul 1967 505 P21

Centrifugation, Hemagglutination, Oncogenic viruses, Polyoma virus, Virus diseases (animals).

THERMORESISTANT CLOSTRIDIUM PER-FRINGENS OF THE A TYPE IN POULTRY. (CZ

Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med 13(1):47-53 REF

Jan 1968 41.9 C333

Biochemistry, Clostridium perfringens bacterin, Biochemistry, Clostridium perfringens bacterin, Diarrhea, Epidemiology, Feed toxicity, Gastroin-testinal system, Poultry, Poultry diseases, Re-sistance, Thermotherapy. English, Russian, and German summaries

PROTECTIVE ACTION OF THE ENCEPHALITOGEN AND OTHER BASIC PROTEINS IN EXPERIMENTAL ALLERGIC **ENCEPHALOMYELITIS.**

E R Einstein J Csejtey W J Davis H C Rauch 5(6):567-575 REF

Nov 1968

Animal diseases, Antigens, Drug therapy, Encephalomyelitis, Freunds adjuvant, Guinea pigs, Histology, Proteins.

4809-69

THE PHYSIO-PATHOLOGY OF CHICKEN CAECAL COCCIDIOSIS: EXPERIMENTAL STUDY OF IMMUNOGENESIS, ACTION OF SPECIFIC ANTILYMPHOCYTIC SERA. (FR)

J Euzeby C Garcin N Grosjean

Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1616-1618

24 Mar 1969 505 P21

Antiserum, Caecal coccidiosis, Chickens, Eimeria tenella, Immunogenicity, Pathology.

PRELIMINARY STUDY OF AN INTESTINAL VIRUS ISOLATED FROM A LESION IN BALAND-POSTHITE CATTLE. (FR)

P Faye A Charton A Berkaloff C Bernard Cl Le Layec

Acad Vet France Bull 41(4):155-159

04 Apr 1968 41.9 R24

Cattle, Intestines, Viruses.

TOXOPLASMA GONDII: FECAL FORMS SEPARATED FROM EGGS OF THE NE-MATODE TOXOCARA CATI.

J K Frenkel J P Dubey N L Miller Science 164(3878):432-433

25 Apr 1969 470 SCI2

Animal diseases, Cats, Disease transmission, Feces, Laboratory animals, Mice, Protozoa, Toxocara cati, Toxoplasma gondii, Toxoplasmosis.

THE PRESENCE OF PARTICLES WITH THE APPEARANCE OF NUCLEOCAPSIDS ASSOCIATED WITH MITOCHRONDRITES IN THE CELLS OF A HAMSTER INFECTED WITH ROUS VIRUS. (FR.)

L Gazzolo G De-The P Vigier P S Sarma Acad Sci Compt Rend Ser D Sci Nat 268(12, 1ST SEMESTER):1668-1670 REF

24 Mar 1969 505 P21

Cytology, Electron microscop Mitochondria, Rous sarcoma virus. microscopy, Hamsters.

ULTRASTRUCTURE OF HOMOGENEOUS BODIES AND CELLULAR BODIES DURING THE COURSE OF RICKETTSIAL INFECTIONS.

P Giroud J Jadin J Creemers J M Jadin Acad Sci Compt Rend Ser D Sci Nat 266(4, 1ST SEMESTER):428-429

22 Jan 1968 505 P21

Cytology, Electron microscopy, Immunity, Rabbits, Rickettsia prowazeki, Rickettsial diseases, Ultrastructure.

4814-69

INHIBITION OF THE MULTIPLICATION OF FOOT-AND-MOUTH VIRUS IN AN ADULT MOUSE WHICH HAD FIRST BEEN TREATED WITH THE ADJUVANT OF FREUDE . (FR)

D Gorhe J M Aynaud A Paraf

Acad Sci Compt Rend Ser D Sci Nat 264(23, 1ST SEMESTER):2698-2701

05 Jun 1967 505 P21

Drug therapy, Foot-and-mouth disease virus, Mice, Reproduction, Viruses.

SIDEROLEUCOCYTES AS A DIAGNOSTIC AID IN EQUINE INFECTIOUS ANAEMIA.

C K Granzien L G Newton

Australian Vet J 44(9):406-409 REF

Sep 1968 41.8 AU72

Animal diseases, Blood analysis, Diagnosis, Equine infectious anemia, Horses, Iron, Leukocytes.

SUDDEN DEATH IN FEEDER PIGS.

F J Harden

Hog Prod 4(7):10-11 Jul 1968 46.8 H675

Animal diseases, Animal histology, Baby pigs, Death, Erysipelas bacterins, Gastric ulcers, Gas-troenteritis, Heart diseases, Morus, Swine, Symptomatology, Temperature.

QUANTITATIVE STUDIES ON THE NEUTRALIZATION REACTION BETWEEN AFRICAN HORSE-SICKNESS VIRUS AND AN-TISERUM.

A Hazrati Y Ozawa

Arch Gesamte Virusforsch 25(1):83-92 REF

Nov 1968 448.3 AR23

African horse sickness, Antibodies, Antiserum, Immunology, Mice, Virus diseases (animals), Virus neutralization, Virus serology.

2-DEOXYRIBOSE GENE-ENZYME COMPLEX IN SALMONELLA TYPHIMURIUM: REGULATION OF PHOSPHODEOXYRIBOMUTASE.

P A Hoffee B C Robertson

J Bacteriol 97(3):1386-1396 REF

Mar 1969 448.3 J82

Biochemistry, Deoxyribonucleic acid, Enzymes, Genetics, Salmonella typhimurium.

ASSOCIATION OF INCREASED RECIPIENT ABILITY FOR R FACTORS AND REDUCED VIRULENCE AMONG VARIANTS OF SAL-MONELLA CHOLERAESUIS VAR. KUNZEN-DORF.

H Jarolmen G Kemp

J Bacteriol 97(2):962-963

Feb 1969 448.3 J82 Escherichia coli, Immunity, Immunogenicity, Physiology, Salmonella choleraesuis.

STUDIES ON THE TREATMENT AND PROPHYLAXIS OF SALMONELLA PULLORUM INFECTION IN CHICKS WITH CHLOROMYCETIN.

J Kalich G M El-Bahay P Eckes J Vet Sci U A R 4(2):195-205 REF 1967 SF604.J6

Chicks, Chloramphenicol, Drug therapy, Poultry diseases, Salmonella pullorum. Arabic summary

OBSERVATIONS ON THE PRACTICAL USE OF THE RAPID MASTITIS TEST.

E A Kernohan

Aust J Dairy Technol 23(3):129-130

Sep 1968 44.8 AU74

Dairy cattle, Diagnosis, Livestock diseases, Mastitis, Milk.

4822-69

SALMONELLA ABONY-SALMONELLA TY-PHIMURIUM RECOMBINANT NONVIRULENT FOR THE MOUSE.

V Krishnapillai K Karthigasu J Bacteriol 97(3):1343-1351 REF

Mar 1969 448.3 J82

Genetics, Mice, Salmonella, Salmonella typhimurium, Virulence.

4823-69

THEORY OF CLASSIFICATION OF THE DEN-SONUCLEOSE VIRUSES , BASED ON THE STUDY OF MOLECULAR STRUCTURES AND PHYSIOCHEMICAL PROPERTIES. (FR)

E Kurstak J R Cote

Acad Sci Compt Rend Ser D Sci Nat 268(3, 1ST SEMESTER):616-619 REF

20 Jan 1969 505 P21

Biochemistry, Electron microscopy, Morphology, Papovaviruses, Taxonomy, Virus diseases (animals).

4824-69

THE MODE OF FORMATION OF INTRA-CYTOPLASMIC STRUCTURES IN TUMORS INDUCED BY VIRUSES OF THE AVIAN SARCOMA LEUCOSIS GROUP.

Chr Landschutz

Experientia 24(12):1255-1256 REF

15 Dec 1968 475 EX7

Avian leukosis complex viruses, Biochemistry, Chickens, Electron microscopy, Immunity, Neoplasms.

CYLINDER DEGENERATION SOCIATED WITH RYEGRASS STAGGERS IN SHEEP AND CATTLE.

R W Mason

Australian Vet J 44(9):428

Sep 1968 41.8 AU72

Cattle, Cells, Coenurosis, Livestock diseases, Lolium, Nerves, Parasitism, Sheep.

4826-69

CHARACTERIZATION OF A SMALL PORCINE DNA VIRUS.

A Mayr P A Bachmann G Siegl H Mahnel B E

Arch Gesamte Virusforsch 25(1):38-51 REF Nov 1968 448.3 AR23

Cytopathology, Dna viruses, Electron microscopy, Swine, Virus diseases (animals).

THE EPIZOOTIOLOGICAL IMPORTANCE OF FOOT-AND-MOUTH DISEASE CARRIERS. II. THE CARRIER STATUS OF CATTLE EXPOSED TO FOOT-AND-MOUTH DISEASE FOLLOW-ING VACCINATION WITH AN OIL ADJUVANT INACTIVATED VIRUS VACCINE.

J W McVicar P Sutmoller

Arch Gesamte Virusforsch 26(3):217-224 REF

Feb 1969 448.3 AR23

Animal vectors, Cattle, Epizootic diseases, Foot-and-mouth disease, Vaccines, Virus diseases

4828-69

COSTING ACUTE MAREKS DISEASE.

K C Meldrum State Vet J 23(68):148-151 May 1968 SF601.S8

Avian lymphomatosis, Chickens, Diagnosis, Economics, Epidemiology, Livestock diseases, Mortality.

PATHOLOGICAL STUDIES ON PSEUDOTU-BERCULOSIS RODENTIUM. III. SPONTANE-OUS SWINE CASES. (JA)

M Morita M Nakamatsu M Goto

Jap J Vet Sci 30(4):233-239

Aug 1968 41.8 J27

Diagnosis, Epidemiology, Livestock diseases, Microscopy, Parasitism, Pasteurella pseudotu-Microscopy, Parasitism, Pasteurella pseudotu-berculosis, Pseudotuberculosis, Swine. English summary.

4830-69

CHOLERESIS IN SHEEP.

P H Mortimer T A Stanbridge Vet Rec 83(26):683-684

28 Dec 1968 41.8 V641

Dec 1965 QP501.I48

Bile, Drugs, Liver, Livestock diseases, Methoxynaphthalene-(1))-4-oxobutyric acid, 4-(4-, Secretion, Sheep.

4831-69

HORMONAL EFFECT ON **CERTAIN** GLYCOLYTIC ENZYMES OF RAT MAMMARY

R Narayanan N C Ganguli Indian J Biochem 2(4):240-242 REF

Animal physiology, Biochemistry, Enzymes, Glycolysis, Hormones, Mammary glands, Rats.

ISOLATION OF CONJUGATION-CONSTITUTIVE MUTANTS OF COLICIN FACTOR IB. M Ohki H Ozeki

Z Vererbungslehre 103(1):37-41 REF 27 Nov 1968 442.8 Z34

Antibiotics, Mutations, Salmonella, Sex, Synthesis.

OPSONINS EXAMINATION IN THE MOUSE AFTER ENDOTOXIN-INDUCED RESISTANCE TO INFECTION. (FR)

M Parant

Inst Pasteur Ann 115(2):264-278 REF

Aug 1968 448.3 AN75

Antibodies, Endotoxins, Immunity, Klebsiella pneumoniae, Mice, Opsonins. English summary.

4834-69

EFFECT OF PH ON THE IMMUNOGENICITY OF MYCOPLASMA PNEUMONIAE.

J D Pollack N L Somerson L B Senterfit J Bacteriol 97(2):612-619 REF Feb 1969 448.3 J82

Hydrogen-ion concentration, Immunochemistry, Immunogenicity, Mycoplasma pneumoniae.

PROTECTION AGAINST RINDERPEST CONFERRED TO CATTLE BY AN INACTIVATED VIRUS ADAPTED TO CATTLE CELLS. (FR)

A Provost C Borredon Y Maurice

Acad Sci Compt Rend Ser D Sci Nat 264(25, 1ST SEMESTER):2961-2964

19 Jun 1967 505 P21

Cattle, Immunization, Rinderpest virus, Vaccines, Virus neutralization.

4836-69

EXPERIENCES ABOUT THE TOLERANCE AND USE OF STAGLOBAN IN THE DOG. (GE)

F Reinhard K Bonath

Blauen H Tierarzt (38):14-17 Oct 1968 41.9 B61

Animal diseases, Canine distemper, Dogs, Drugs, Gamma globulins, Immunization, Infectious canine hepatitis, Leptospirosis.

4837-69

COMPETITIVE DEVELOPMENT OF ENZY-MATIC ACTIVITY OF TRANSCRIPTASE AND REPLICASE IN THE COURSE OF A VIRAL DISEASE IN CATTLE. (FR)

M Sakouhi-Cousin J Choav L Dhennin M Thely L. Dhennin

Acad Sci Compt Rend Ser D Sci Nat 264(10, 1ST SEMESTER):1353-1355

06 Mar 1967 505 P21

Biochemistry, Cattle, Enzymes, Foot-and-mouth disease virus, Physiology, Virus diseases (animals).

IMMUNOCHEMICAL CHARACTERIZATION OF SHEEP PLASMA GLYCOPROTEIN.

T S A Samy H G M Raj N R Moudgal H R Cama Indian J Biochem 2(4):250-252 REF

Dec 1965 QP501.I48

Blood, Chemistry, Glycoproteins, Immunity, Sheep.

THE EFFECTS OF PANTOTHENIC ACID, PAN-TOYLTAURINE, SALICYLATE AND RELATED COMPOUNDS ON THE IN VITRO AND IN VIVO GROWTH OF TRYPANOSOMA LEWISI.

G Sanchez D G Dusanic

Compar Biochem Physiol 27(3):647-658 REF

Dec 1968 444.8 C73

Ceratophyllus fasciatus, In vivo, Pantothenate, Rats, Tissue culture, Trypanosoma lewisi.

STAPHYLOCOCCAL INTOXICATION **OF** YOUNG SUCKLING WHELPS. (GE)

W Seffner

Monatsh Vet 23(2):59-61

15 Jan 1968 41.8 M742

Animal diseases, Blood, Dogs, Gastrointestinal system, Histology, Milk, Pneumonia, Staphylococcus aureus, Toxins. English and Russian summa-

4841-69

TOXOPLASMA GONDII: TRANSMISSION THROUGH FECES IN ABSENCE OF TOXOCARA CATIEGGS.

H G Sheffield M L Melton Science 164(3878):431-432

25 Apr 1969 470 SCI2

Animal diseases, Cats, Disease transmission, Feces, Laboratory animals, Mice, Nematodes, Protozoa, Temperature, Toxocara cati, Toxoplasma gondii, Toxoplasmosis.

4842-69

INCIDENCE OF HYDATOSIS IN LIVESTOCK IN LAHORE.

S A Sheikh M Z Hussain

Pakistan J Sci 19(516, SEP-DEC):239-242 REF 1967 475 P172

Antigens, Diagnosis, Echinococcosis, Echinococcus granulosus, Epidemiology, Livestock diseases.

THERAPEUTIC EFFECT OF SDDS SULFAMOYL-4,4'-DIAMINODIPHENYL FONE) ON EXPERIMENTAL TOXOPLASMO-SIS.

K Shimizu T Shirahata Y Inami Jap J Vet Sci 30(4):183-195

Aug 1968 41.8 J27

Animal diseases, Drug therapy, Laboratory animals, Mice, Sulfamoyl-4,4'-diaminodiphenyl sulfone, 2-, Swine, Toxoplasmosis. Japanese summary

COLD-SENSITIVE MUTATIONS IN SAL-MONELLA TYPHIMURIUM WHICH AFFECT RIBOSOME SYNTHESIS.

P C Tai D P Kessler J Ingraham J Bacteriol 97(3):1298-1304 REF

Mar 1969 448.3 J82

Biochemistry, Genetics, Mutations, Protein synthesis, Ribosomes, Salmonella typhimurium, perature.

4845-69

THE PALE MUSCLE PROBLEM IN PIGS.

D C Thurley

State Vet J 23(68):152-155 May 1968 SF601.S8

LIVESTOCK PROTECTION

4846-69

Biochemistry, Color, Diagnosis, Livestock diseases, Meat, Muscles, Proteins, Swine, Temperature.

CONTROL OF BOVINE TUBERCULOSIS AND LIST OF OFFICIALLY CERTIFIED HERDS.

A Van Heerden

Farming So Afr 44(5):33-39,43

Aug 1968 24 SO842

Cattle, Cattle records, Infectious diseases, Livestock diseases, Tuberculosis.

THE ROLE OF INTERFERON IN THE INTERFERENCE PHENOMENON BETWEEN VACCINIA VIRUS AND FIXED RABIES VIRUS. (FR

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):426-428

09 Jan 1967 505 P21

Immunity, Interference phenomenon, Interferon, Rabies virus, Vaccinia virus.

PERSISTANCE OF THE GENOME OF THE ROUS VIRUS IN HAMSTER CELLS CHANGED IN VITRO, AND THE ACTION OF INACTIVATED SENDAI VIRUS ON ITS TRANSMISSION TO CHICK CELLS. (FR)

P Vigier

Acad Sci Compt Rend Ser D Sci Nat 264(2, 1ST SEMESTER):422-425

09 Jan 1967 505 P21

Animal disease transmission, Chickens, Hamsters, Parainfluenza-1 virus, Rous sarcoma virus, Tissue culture.

4849-69

PEST-MANAGEMENT CONCEPTS AND CONTROL OF TICK PARALYSIS IN BRITISH COLUMBIA.

P R Wilkinson

Entomol Soc Brit Columbia Proc 65:3-9 REF 01 Aug 1968 420 B77

Dermacentor andersoni, Human diseases, Immunology, Insect control, Insecticides, Livestock diseases, Methodology, Pest control, Tick paralysis.

4850-69

SERUM ANTIBODY TO SALMONELLA FLAGELLAR ANTIGENS. I. METHODS OF ANTIBODY ASSAY.

R Wistar

Australian J Exp Biol Med Sci 46(PT 6):769-777

Dec 1968 442.8 AU7

Agglutination, Antibodies, Antigens, Biological assay, Methodology, Precipitin test, Radioisotopes, Salmonella.

ARTHROPODS

4851-69

CONTRIBUTIONS TO THE (DIPTERA, SIMULIIDAE) FAUNA OF AUSTRIA. III. THE FAUNA OF THE VALLEY OF THE YBBS.

R Supperer E Rutzer

Verhandl Zool-bot Gesell Wien 107:25-27

1967 410.9 V67

Animals, Breeding, Diptera, Insect pests, Prosimulium hirtipes, Simuliidae.

THE MYIASIS FLY OF THE AFRICAN AARD-VARK (ORYCTEROPUS AFER (PALLAS)). (GE

Zool Beitr 13(2-3):463-470

1967 410 Z753

Animal diseases, Calliphoridae, Insect morphology, Myiasis. English abstract

PARASITES

4853-69

THIABENDAZOLE AS A BROAD-SPECTRUM ANTHELMINTIC. (ABSTRACT).

BIBLIOGRAPHY

E Asshauer

Excerpta Med Pharm Toxicol 21(11):549

Nov 1968 241.64 EX23

Animal diseases, Anthelmintics, Nematodes, Parasitism, Thiazolyl)-benzimidizole, 2-(4-, Trichinosis, From Munch, Med. Wschr., 1968, 110/21, (1327-1329).

4854-69

GENERAL METHOD FOR THE CULTURE OF HELMINTHS IN ANAEROBIC CONDITIONS.

J C Bazin F Lancastre

Acad Sci Compt Rend Ser D Sci Nat 264(25,.1ST SEMESTER):2907-2908

19 Jun 1967 505 P21

Anaerobes, Culture media, Methodology, Schistosoma, Taenia pisiformis, Trichinella spiralis.

EXPERIMENTAL INFECTION OF LABORATORY ANIMALS WITH ASCARIS SUUM. (GE)

R Buchwalder

Angew Parasitol 9(4):203-211 REF

Dec 1968 436.8 AN4

Ascaris lumbricoides suum, Hamsters, Nematode infestation, Rabbits. English and Russian abstracts

PREVENT WORMS TO INCREASE SHEEP PROFITS.

D L Ferguson E C Howe Nebr Univ Ext Ec (1905):12P

1968 275.29 N272EX

Chemical control (nematodes), Diagnosis, Economics, Nematodes, Parasitism, Profits, Sheep. Diagnosis,

4857-69

LARVAL DEVELOPMENT OF A NEMATODE PARASITE OF THE DOG CIRCULATORY SYSTEM IN DULCAQUICOLES MOLLUSKS. (FR)

J Guilhon A De Gaalon

Acad Sci Compt Rend Ser D Sci Nat 268(3, 1ST SEMESTER):612-615

20 Jan 1969 505 P21

Development, Dogs, Larvae, Parasitic nematodes, Snails

HOST-PARASITE RELATIONSHIP. 1. STUDIES ON THE PRODUCTIVITY OF SHEEP AS AFFECTED BY HAEMONCHOSIS.

M Z Hussain M Akram

Pakistan J Sci 19(516,SEP-NOV):247-251 REF 1967 475 P172

Animal nutrition, Gastrointestinal system. Haemonchosis, Haemonchus contortus, Parasitism, Productivity, Sheep.

OBLIGATORY AND ADDITIONAL HOSTS OF HELMINTHS. (GE)

K Odenine

Augew Parasitol 9(4):196-203

Dec 1968 436.8 AN4

Ecology, Helminthiasis, Host relationships, Life cycle, Parasitism.

4860-69

EVALUATION OF THE ANTHELMINTIC ACTIVITY OF THIABENDAZOLE IN MAN. (AB-STRACT).

H H Salem Z G Hayatee A M Awaness G Al-Allaf

Excerpta Med Pharm Toxicol 21(11):549 Nov 1968 241.64 EX23

Ancylostoma duodenale, Anthelmintics, Ascaris lumbricoides, Enterobius vermicularis, Human diseases, Hymenolepsis, Parasitism, Thiazolyl)-benzimidizole, 2-(4-, Trichuris. From Journal of Tropical Medicine and Hygiene:1968, 71/1 (114861-69

NYMPHAL STAGE OF LINGUATULA SERRATA FOUND IN MESENTERIC LYMPH NODE

K C Sherman H A McDaniel

U S Agr Res Serv ARS- (70):45-46

Dec 1968 A41.9 R315AR

Animal histology, Cattle, Diagnosis, Glands (animals), Histopathology, Larvae, Linguatula serrata, Lymph, Parasitism.

4862-69

ISOLATION OF A SPECIFIC ANTIGEN OF THE LARGE LIVER FLUKE (FASCIOLA HEPATICA L.). (FR)

R Tailliez R Mangalo S Korach

Acad Sci Compt Rend Ser D Sci Nat 265(5, 2ND SEMESTER):466-469

31 Jul 1967 505 P21

Antigens, Fasciola hepatica, Immunochemistry.

COMMODITY PROTECTION

PROBLEMS WITH SCALD INHIBITORS.

Wright

Victorian Hort Dig 12(4,NOV-JAN):27-28 1969 80 V662

Apples, DPA, Oils, Plant protection, Scald, Storage, Temperature.

STORAGE DISEASES

4864-69

INSECT PATHOGENS AND MICROBIAL CONTROL OF INSECTS IN STORED PRODUCTS. I. TEST WITH BACILLUS THURINGIENSIS BER-LINER AGAINST MOTHS.

H D Burges

Entomophaga Mem Hors Ser (2):323-327

1964 421 EN835M

Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Cadra cautella, Dosage, Ephestia elutella, Galleria mellonella, Insect diseases, Larvae, Mortality, Plodia interpunctella, Spores, Stored products. French summary.

4865-69

ON THE ANTIOXIDATIVE MECHANISM OF ALPHA-, BETA-, GAMMA- AND DELTA TOCOPHEROLS IN LARD. (GE)

IT Kovats E Berndorfer-Kraszner

Nahrung 12(4):407-414 1968 389.8 N142

Antioxidants, Lard, Temperature, Tocopherols, Vitamin e. English and Russian summary.

ARTHROPODS

4866-69

BULK WHEAT PESTS CAN BE CONTROLLED BY SIMPLE PRECAUTIONS.

R A French

New Zeal J Agr 117(4):30-31,33

Oct 1968 23 N48J

Bacteria, Food moisture, Insect pests, Integrated control (pests), Molds, Pest control, Storage injuries, Wheat.

SUSCEPTIBILITY OF DIFFERENT STORED-PRODUCTS MOTH LARVAE TO BACILLUS THURINGIENSIS.

P A van der Laan H J M Wassink

Entomophaga Mem Hors Ser (2):315-322 REF 1964 421 EN835M

Achroia grisella, Anagasta kuehniella, Bacillus thuringiensis, Biological control (insects), Cadra cautella, Dosage, Ephestia elutella, Galleria melIonella, Larvae, Mortality, Plodia interpunctella, Stored products. French summary.

MICROBIAL CONTAMINATION

4868-69

BACTERIOSTATIC PROPERTIES OF MILK FROM TROPICAL COUNTRIES.

J E Auclair

Int Dairy Fed Annu Bull (PT 4):7-44 REF 1968 44.9 IN82A

Bacteria, Food contamination, Milk analysis, Storage, Tables (data), Temperature, Tropics. French translation found on pages 55-66.

EXPERIENCES WITH CULTURE MEDIA FOR THE SELECTIVE MICROBIOLOGICAL ANALYSIS OF MEATPRODUCTS. (GE)

G Reuter

Arch Lebensmittelhyg 19(3):53-57

Mar 1968 41.8 L49

Bacteria, Culture media, Enterobacteriaceae, Food contamination, Food sanitation, Human nutrition, Meat, Microbiology, Micrococcaceae, Pseudomonadaceae, Staphylococcus.

ENVIRONMENTAL CONTAMINATION

4870-69

PESTICIDES IN WATER, PESTICIDES IN SELECTED WESTERN STREAMS--A CONTRIBUTION TO THE NATIONAL PROGRAM.

E Brown Y A Nishioka Pest Mont J 1(2):38-46 MAP Sep 1967 SB951.A1P41

Chromatography, Herbicides, Maps, Pesticide residues, Pesticides, Tables (data), Water analysis, Water pollution. The soil was analyzed for twelve pesticides.

4871-69

PERSISTENCE AND PARATHION IN IRRIGATION WATERS.

C W Miller W E Tomlinson R L Norgren

Pest Mont J 1(2):47-48 Sep 1967 SB951.A1P41

Aerial spraying, Aquatic animals, Chemicals, Cranberry bogs, Irrigation ditches, Organophosphorus compounds, Parathion, Pesticide residues, Pesticides, Toxins, Water analysis, Water pollution.

RESIDUES

4872-69

OUR STRUGGLE AGAINST PESTS. II.

Anonymous

Pest Contr Oper News 27(8):4-6,29

Aug 1967 SB951.A1P4

Animals, Chemical control (pests), Government aid, Insect pests, Integrated control (pests), Legislation, Pesticide residues, Pesticides, Plant diseases, Plant protection, Research, Weeds.

HERE WE GO AGAIN... PESTICIDES UNDER FIRE FROM NEW CONSUMER GROUP.

C O Barnard

Farm Chem 131(5):50,52

May 1968 57.8 AM3

Consumer preferences, Food contamination, Pesticide residues, Pesticides.

PESTICIDES IN HATCHERY TROUT---DIF-FERENCES BETWEEN SPECIES AND RESIDUES LEVELS OCCURING IN COMMER-CIAL FISH FOOD.

A Bradford H Cole D Barry P Baumgarner D E

Pest Mont J 1(2):35-37

Sep 1967 SB951.A1P41

Benzene hexachloride, Chemicals, Chlorinated hydrocarbons, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, Dieldrin, DDT, Fish, Heptachlor, Heptachlor epoxide, Pesticide residues, Pesticides, Research, Tables (data), TDE, Trout.

RESIDUES IN FISH, WILDLIFE, AND ESTUA-RIES. CHLORINATED PESTICIDE LEVELS IN THE EASTERN OYSTER (CRASSOSTREA VIRGINICA) FROM SELECTED AREAS OF THE SOUTH ATLANTIC AND GULF OF MEXICO.

J C Bugg Jr. J E Higgins E A Robertson Jr.

Pest Mont J 1(3):9-12

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Chromatography, Fish, Oysters, Pesticide residues, Quantitative analysis, Spraying, Tables (data), Wildlife.

RESIDUES IN FISH, WILDLIFE, AND ESTUARIES. INSECTICIDE CONCENTRATIONS IN WILDLIFE AT PRESIDIO, TEXAS.

D D Culley H G Applegate

Pest Mont J 1(2):21-28 MAP REF

Sep 1967 SB951.A1P41

Birds, Carbamates, Carbaryl, Chlorinated hydrocarbons, Chromatography, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, DDT, Endrin, Insecticides, Malathion, Mammals, Methyl parathion, Organophosphorus compounds, Parathion, Reptiles, Research, Residues, Tables (data), Tissues, TDE, Wildlife.

THE DETERMINATION OF THE AMOUNT OF DIAZINON RESIDUES IN FOODSTUFF BY MEANS OF LABELED DIAZINON. (SUMMA-RY). (IT)

P Di Mattei N Sopranzi

Giornate Fitopatol 57

26 Mar 1967 SB599.G5

Chromatography, Diazinon, Food analysis, Insecticide residues, Organophosphorus compounds, Phosphorus.

4878-69

PERSISTENCE OF DDT IN CRAYFISH IN A NATURAL ENVIRONMENT.

J B Dimond R E Kadunce A S Getchell J A Blease

Ecology 49(4 SUMMER):759-762

1968 410 EC7

hydrocarbons, Chromatography, Chlorinated Crayfish, DDT, Insecticide residues, Spraying, Streams.

NOTICE OF FILING OF PETITION REGARD-ING PESTICIDE CHEMICAL.

R E Duggan

Fed Regist 34(8):486 11 Jan 1969 L1.451

Barban, Herbicides, Pesticide residues, Plant physiology.

RESIDUES IN FOOD AND FEED. CHLORINATED PESTICIDE RESIDUES IN FLUID MILK AND OTHER DAIRY PRODUCTS IN THE UNITED STATES.

R E Duggan

Pest Mont J 1(3):2-8

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Dairy products, Feed, Food, Milk, Pesticide residues, Quantitative analysis, Tables (data), Tolerances. Chemicals discussed are: DDT, DDE, TDE, dieldrin, heptachlor epoxide, BHC, lindane, aldrin, heptachlor, and methoxychlor.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS

IN OR ON RAW AGRICULTURAL COMMODI-TIES. PARATHION OR ITS METHYL HOMOLOG.

J K Kirk

Fed Regist 34(15):1014

23 Jan 1969 L1.451

Agricultural products, Chemicals, Insecticides, Methyl parathion, Organophosphorus compounds, Parathion, Pesticide residues, Regulation (pesticides), Tolerances.

TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTRUAL COMMODI-DODECACHLOROOCTAHYDRO-1,3,4-METHENO-2TH-CYCLOBUTA (CD)
TALENE.

J K Kirk

Fed Regist 34(21):1553

31 Jan 1969 L1.451

Agricultural products, Chemical control (insects), Insecticide residues, Mirex, Pesticides, Solenopsis saevissima richteri.

4883-69

PESTICIDE RESIDUES IN A MARINE POPULA-TION OF DOUBLE-CRESTED CORMORANTS.

C R Kury

J Wildlife Manage 33(1):91-95 REF

Jan 1969 410 J827

birds, Chlorinated hydrocarbons, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, DDT, Metabolites, Mortality, Pesticide residues, Reproduction.

AN EVALUATION OF THE EFFECTS OF THE AEDES AEGYPTI ERADICATION PROGRAM ON WILDLIFE IN SOUTH FLORIDA.

P N Lehner T O Boswell F Copeland

Pest Mont J 1(2):29-34

Sep 1967 SB951.A1P41

Aedes aegypti, Benzene hexachloride, Chemicals, Chlorinated hydrocarbons, Dichloro-2,2-bis(pchlorophenyl) ethylene, 1,1-, Dielldrin, DDT, Evaluation, Heptachlor epoxide, Insect control, Insecticides, Pesticide residues, Research, Spraying, Tables (data), TDE, Wildlife.

4885-69

EFFECTS OF LOW VOLUME AERIAL SPRAY-ING OF DURSBAN AND FENTHION ON FISH. J D Linn

Down Earth 24(2,FALL):28-30

1968 381 D75

Aerial spraying, Chemical control (insects), Cu-Diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate, O,O d, Fenthion, Fish, Insecticide application, Toxins.

PESTICIDES IN SOIL. MONITORING FOR CHLORINATED HYDROCARBON PESTICIDES IN SOIL AND ROOT CROPS IN THE EASTERN STATES IN 1965.

W L Seal L H Dawsey G E Cavin

Pest Mont J 1(3):22-25

Dec 1967 SB951.A1P41

Chlorinated hydrocarbons, Chromatography, Crops, Dieldrin, DDT, Electron capture, Hydrocarbons, Insecticides, Pesticide residues, Roots, Soils, Tolerances.

4887-69

A LOOK AT THE PLANT PEST CONTROL DIVISON.

D R Shepherd

Agr Chem 24(2):10-13

Feb 1969 381 AG8

Aerial spraying, Biological control (pests), Control equipment, Insect identification, Legislation, Pesticide residues, Plant pest control, Safety devices, Soil analysis, Surveys.

BIBLIOGRAPHY

4888-69

4888-69

INVESTIGATION OF EFFECTS OF LARGE-SCALE APPLICATIONS OF 2,4-D ON AQUATIC FAUNA AND WATER QUALITY.

G E Smith B C Isom Pest Mont J 1(3):16-21 Dec 1967 SB951.A1P41

Aquatic animals, D, 2,4-, Dosage, Esters, Herbicides, Myriophyllum spicatum, Pesticide application, Pesticide residues, Phenoxy acid compounds, Reservoirs, Variance analysis, Water analysis, Water treatment.

4889-69

PROBLEMS IN MONITORING DDT AND ITS METABOLITES IN THE ENVIRONMENT.

D A Spencer

Pest Mont J 1(2):54-57 REF Sep 1967 SB951.A1P41

Aldrin, Bacteria, Chemicals, Chlorinated hydrocarbons, Dieldrin, DDT, Endrin, Environment, Enzymes, Heptachlor, Lindane, Metabolites, Microorganisms, Pesticide residues, Pesticides, Porphyrins, Soil fungi, Storage, Temperature, TDE.

4890-69

PESTICIDES IN PEOPLE. STORAGE OF DDT IN THE PEOPLE OF ISRAEL.

M Wassermann D Wassermann L Zellermayer M Gon

Pest Mont J 1(2):15-20 REF Sep 1967 SB951.A1P41

Air pollution, Benzene hexachloride, Chlorinated hydrocarbons, Chromatography, Dichloro-2,2-bis(p-chlorophenyl) ethylene, 1,1-, Dieldrin, DDT, Heptachlor epoxide, Human diseases, Measurement, Pesticides, Storage, Tables (data), TDE.

4891-69

PESTICIDE RESIDUES IN CULTIVATED MUSHROOMS. (FR)

A William P Martens Inacol 18(11):437-448 REF

Nov 1967 TX599.15

Aldrin, Chlorinated hydrocarbons, Diazinon, Dimethoate, DDT, Dosage, Economic plants, Fu-migation, Lindane, Mushrooms, Ormigation, Lindane, Mushrooms, Organophosphorus compounds, Parathion, Pesticide residues, Sulfotepp. English and German summa-

TOXICOLOGY

4892-69

DDT: SUBLETHAL EFFECTS ON BROOK TROUT NERVOUS SYSTEM.

J M Anderson M R Peterson Science 164(3878):440-441 25 Apr 1969 470 SCI2

DDT, Dosage, Nervous system, Pesticides, Temperature, Toxicology, Trout.

4893-69

SEARCH FOR NEW INSECTICIDES.

M N Borle

Pocna Agr Coll Mag 58(2-3,JUN-SEP):49-54

1968 22 P79

Animals, Biological control (insects), Chemical control (insects), Chlorinated hydrocarbons, DDT, Humans, Insect biochemistry, Insect diseases, Insect physiology, Insecticidal plants, Insecticide resistant insects, Insecticides, Poisoning, Research.

EFFECTS OF CHRONIC EXPOSURE TO ZINC TOXICITY OF A MIXTURE OF DETER-GENT AND ZINC.

V M Brown V V Mitrovic G T C Stark Water Res 2(4):255-263 REF

Jun 1966 TD420.W3

Animal histology, Detergents, Sulfonic acids, Symptomatology, Toxicology, Trout, Water pollution, Zinc.

4895-69

NOTE ON MODIFICATIONS OF THE AOAC METHOD FOR AMPROLIUM IN FEED CONCENTRATES.

E J Davis

Ass Offic Anal Chem J 51(1):129-131

Jan 1968 381 AS7

Amprolium, Chemical reactions, Chromatography, Columns (process), Drugs, Feed concentrates, Feed toxicity.

A TIDAL RHYTHM IN THE SUSCEPTIBILITY OF FUNDULUS SIMILIS TO SODIUM CHLORIDE AND ENDRIN.

J W Day

La Acad Sci Proc 31:62-64 31 Dec 1968 500 L932

Endrin, Fish, Laboratory animals, Resistance, Sodium chloride, Statistical analysis, Susceptibility.

SOME OBSERVATIONS CONCERNING THE MAXIMUM DOSAGE ORDINANCE. (GE

Gesunde Pflanzen 19(3):46-51

Mar 1967 464.8 G33

Acaricides, Dosage, Fungicides, Insecticides, Legislation, Organophosphorus compounds, Residues, Toxins.

4898-69

SOME PATHOLOGICAL EFFECTS OF SUB-ACUTE AND ACUTE POISONING OF RAIN-BOW TROUT BY PHENOL IN HARD WATER.

V V Mitrovic V M Brown D G Shurben M H Berryman

Water Res 2(4):249-254 REF Jun 1968 TD420.W3

Animal diseases, Mortality, Phenols, Poisoning, Symptomatology, Trout, Water pollution.

A SYNOPSIS OF THE PESTICIDE PROBLEM. N W Moore

Advances Insect Physiol 4:75-129 REF

1967 420 AD9 Chemical control (pests), Ecology, Pest control, Pesticide application, Pesticides, Research, Tox-

AN ANALYTICAL METHOD FOR DETERMINING ARSENIC IN BIOLOGICAL MATERIAL.

C K Ringham

U S Agr Res Serv ARS- (70):47-48 Dec 1968 A41.9 R315AR

Animals, Arsenic, Chemical analysis, Methodology, Residues, Spectrophotometry, Toxicology.

4901-69

USE INSECTICIDES SAFELY.

R E Roselle C R Angle Nebr Univ Ext Ec (1501):12P 1968 275.29 N272EX

Accident prevention, Chemicals, Fish, Insecticide residues, Insecticides, Labeling, Safety education, Toxicology, Wildlife.

IMIDAZOLE: FUNGITOXIC DERIVATIVES. M Tolkmith J N Seiber P B Budde D R Mussell

Science 158(3807):1462-1463 REF 15 Dec 1967 470 SCI2

Chemistry, Fungicides, Imidazole, Imines, Mammals, Nitrogen, Phosphorus, Testing.

PLANT PHYSIOLOGY & **BIOCHEMISTRY**

SOME EXPERIMENTS ON POLARITY OF IAA-2-C14 TRANSPORT IN HELIANTHUS ANNUUS SEEDLINGS.

H Bagda

Ankara Univ Fac Sci Commun (SER C)12:30P REF

1967 330.9 AN4

Autoradiography, Indoleacetic acid, Plant hormones, Plant physiology, Plant translocation, Polarization, Seedlings, Sunflowers, Tables (data). Turkish summary.

4904-69

GIBBERELLINS AS PLANT HORMONES. (DU) G W M Barendse

Vakbl Biol 48(12):203-211, REF

Dec 1968 442.8 V22

Gibberellins, Plant hormones.

GROWTH RETARDANT TESTS ON POTTED POINSETTIAS.

S T Besemer

Calif Agr 21(12):6-7

Dec 1967 100 C12CAG

Chloroethyl)trimethylammonium chloride, (2-, Dimethylaminosuccinamic acid, N-, Euphorbia pulcherrima, Foliar application, Greenhouse culture, Plant biochemistry, Plant physiology, Plant regulators, Spraying.

4906-69

GIBBERELLIN DELAYS RIPENING OF TO-MATOES.

H C Dostal A C Leopold Science 158(3808):1579-1580 22 Dec 1967 470 SCI2

Ethylene, Gibberellic acid, Growth factors, Plant growth inhibitors, Plant physiology, Plant regulators, Stimulants, Tomatoes.

INFECTION STRUCTURES FROM RUST UREDIOSPORES: EFFECT OF RNA AND PROTEIN SYNTHESIS INHIBITORS.

L D Dunkle R Maheshwari P J Allen Science 163(3866):481-482 REF

31 Jan 1969 470 SCI2

Heat, Inhibitors, Plant biochemistry, Proteins, Puccinia graminis tritici, Ribonucleic acid, Rust, Synthesis, Urediospores.

4908-69

THE EFFECT OF CCC AND AMO-1618 ON GROWTH, CATALASE, PEROXIDASE AND INDOLEACETIC ACID OXIDASE ACTIVITY OF YOUNG BARLEY SEEDLINGS.

T Gaspar J Lacoppe

Physiol Plant 21(5):1104-1109 REF

20 Sep 1968 450 P564 (1)

Barley, Chloroethyl)trimethylammonium chloride, (2-, Enzymes, Indoleacetic acid, Isopropyl-4-dimethylamino-5-methylphenyl 1-piperidinecarboxy o, Peroxidases, Plant metabolism, Plant physiology, Plant regulators, Seedlings.

TRIALS WITH CARBON DIOXIDE, LIGHT AND GROWTH SUBSTANCES ON FOREST TREE PLANTS.

J E Hardh

Acta Forest Fenn 81:1-10 REF

1967 99.9 F492

Carbon dioxide, Gases, Gibberellic acid, Light, Plant nutrition, Plant physiology, Plant protection, Plastics, Tables (data), Trees. Finnish summary.

DIURNAL VARIATION IN SOME KREBS CYCLE ENZYMES IN CACTUS (NOPALEA DEJECTA) PHYLLOCLADES.

A A Khan G G Sanwal

Indian J Biochem 2(4):207-212 REF

Dec 1965 QP501.I48

Diurnal rhythm, Enzymes, Mammillaria, Plant biochemistry, Plant morphology, Tricarboxylic acid cycle.

RIBONUCLEIC ACIDS IN CROWN-GALL BACTERIA, AGROBACTERIUM TUMEFACIENS (SMITH AND TOWN), TREATED WITH SODIUM BORATE. (FR

L Le Goff

Inst Pasteur Ann 115(2):232-248 REF

Aug 1968 448.3 AN75

Agrobacterium tumefaciens, Amino acids, Bacterial diseases (plants), Boric acid, Chemical control (plant diseases), Crown galls, Plant physiology, Ribonucleic acid, Sodium borate, Tables (data). English summary.

BORON IN PLANTS: A BIOCHEMICAL ROLE.

S Lee S Aronoff

Science 158(3802):798-799

10 Nov 1967 470 SCI2

Biosynthesis, Borates, Boron, Dehydrogenases, Electrophoresis, Enzymes, Glycolysis, Necrosis, Pentoses, Phenols, Photosynthesis, Plant biochemistry, Plant metabolism, Plant nutrition.

COMPARISON OF SULPHUR DIOXIDE AND FORMALDEHYDE AS BACTERIOSTATS IN DIFFUSION. PART II.

JFT Oldfield JV Dutton D Grierson R K

Heaney H J Teague

Int Sugar J (839):330-333

Nov 1968 65.8 IN8

Bacteriostats, Biochemistry, Carbonates, Chemical reactions, Diffusion, Formaldehyde, Hydrogen-ion concentration, Liming, Sugars, Sulfur dioxide.

THE DIPYRIDILLICS IN TOMATO CULTURES.

D Picco

Notiz Mal Piante (SER 3)(3/4):273-287

1967 464.8 N84

Defoliants, Dipyridyl, Diquat, Paraquat, Plant cuttings, Plant physiology, Residues, Tomatoes. English summary.

4915-69

EFFECT OF SPARTIN UNDER DRYLAND FARMING ON SETARIA ITALICA (BEAUV.).

B Ramnath S B P Rao M J Sam S Chattopadhyay Indian J Agron 13(2):112-114

Jun 1968 22 IN235

Dry farming, Grasses, Micronutrients, Setaria italica.

4916-69

GERMINATION OF RUSSIAN THISTLE SEEDS.

W A Rhoads E F Frolich A Wallace

Calif Agr 21(7):2

Jul 1967 100 C12CAG

Curly top, Insects, Plant physiology, Salsola kali, Seed germination, Seeds, Virus diseases (plants), Weeds.

4917-69

THE DETERMINATION OF THE EMBRYO VIABILITY OF WEED SEEDS BY THE TTC METHOD. (GE)

G Rieder W Koch

Berlin Biol Bundesanst Land-forstwirtsch Mitt (121):210-213

Feb 1967 410.9 G31M

Biological assay, Plant biochemistry, Seed viability, Tetrazolium 2,3,5-triphenyl-2H chloride, Weeds. English abstract.

EFFECT OF FOLIAR SPRAYS OF PLANT REGULATORS (IAA AND GA) ON THE GROWTH AND YIELD OF KNOL KHOL (BRASSICA OLERACEA LINN. VAR. GONGYLODES).

A P Singh S N Singh

Trop Agr &peradeniya& 123(3-4,JUL-DEC):99-

Dec 1967 26 T751

Foliar application, Gibberellic acid, Indoleacetic acid, Kohlrabi, Plant physiology, Plant regulators.

Gibberellic acid effectively increased the yield of kohlrabi when applied at the rate of 10 ppm as a foliar spray.

4919-69

EFFECT OF GIBBERELLIC ACID ON THE FRUIT-SET, AND PARTHENO-CARPIC DEVELOPMENT OF FRUIT IN BHOKRI GRAPES. (VITIS VINIFERA L).

S K Sood

Lal-Baugh 13(2,APR-JUN):25-29

1967 80 L15

Bakanae disease, Chemical control (plant diseases), Fruit setting, Fungus diseases (plants), Gibberella fujikuroi, Gibberellic acid, Grapes, Plant physiology, Plant regulators, Rice, Seeds, Tables (data), Thinning (fruit).

STUDIES ON THE EFFECT OF GROWTH REGULATORS ON POLLEN GERMINATION AND TUBE GROWTH IN SHOE FLOWER (HIBISCUS ROSASINENSIS L.).

G Vilasini M K George P K Pillai

Agr Res J Kerala 5(1/2,MAR-SEP):1-11 REF 1967 22 AG823

D, 2,4-, Gibberellic acid, Hibiscus rosa-sinensis, Indoleacetic acid, Plant growth inhibitors, Plant physiology, Plant regulators, Pollen tube.

CHEMISTRY

4921-69

CARE AND USE OF VETERINARY BIOLOG-ICS.

USDA PA- (841):7P

Jun 1968 1 AG84PRO

Animal diseases, Biological products, Drug therapy, Drugs, Veterinary medicine.

TRICARBOXYLIC ACID CYCLE ACTIVITY IN A PSEUDOMONAD.

S K Basu A M Chakrabarty

Indian J Biochem 2(4):230-234 REF

Dec 1965 QP501.I48

Bacteria, Biochemistry, Pseudomonadaceae, Tricarboxylic acid cycle.

EFFICIENCY PARAMETERS OF GAS CHROMATOGRAPHY COLUMNS USED IN PESTICIDE RESIDUE ANALYSIS.

D C Bostwick L Giuffrida

Ass Offic Anal Chem J 51(1):34-39 REF

Jan 1968 381 AS7

Chemical analysis, Chromatography, Pesticide residues.

4924-69

HEAT-STABLE ELEMENTS IN COMMERCIAL PREPARATIONS BASED ON BACILLUS THURINGIENSIS BERLINER. (FR)

A Burgerjon

Entomophaga Mem Hors Ser (2):227-237 REF 1964 421 EN835M

Bacillus thuringiensis, Biological assay, Heat, Toxins. English summary.

4925-69

POLYGUANYLIC ACID AND ITS EFFECT ON AMINO ACID INCORPORATION.

A K Chakravorty B B Biswas

Indian J Biochem 2(4):275-277 REF

Dec 1965 OP501.I48

Amino acids, Biochemistry, Enzymes, Polyguanylic acid.

4926-69

STRUCTURE OF KLEIN'S METABOLITES OF ALDRIN AND OF DIELDRIN.

J N Damico J T Chen C E Costello E O Haenni Ass Offic Anal Chem J 51(1):48-55

Jan 1968 381 AS7

Aldrin, Chemical reactions, Chromatography, Dieldrin, Ionization, Metabolites, Molecular weight, Pesticides, Rats, Spectrometry, Tables (data), Urine.

4927-69

BIOCHEMISTRY THE OF VIBRIO CHOLERAE: PART IV. AC NUCLEOTIDE CONSTITUENTS. **ACID SOLUBLE**

K Deshmukh K Ganapathi

Indian J Biochem 2(4):234-236 REF

Dec 1965 QP501.I48

Acids, Bacteria, Biochemistry, Nucleotides, Solubility, Vibrio comma.

SCREENING METHOD FOR ZEARALENONE. AFLATOXIN, AND OCHRATOXIN.

R M Eppley

Ass Offic Anal Chem J 51(1):74-78 REF

Jan 1968 381 AS7

Aflatoxin, Chloroform, Chromatography, Coffee, Columns (process), Cottonseed, Molds, Mycotoxins, Ochratoxin, Redpeppers (vegetable), Silica gels, Toxins, Water analysis, Zearalenone.

PESTICIDE HANDBOOK - ENTOMA - 1968.

D E H Frear

College Science Publishers, Pa. 323P 1968 225 F87

Handbooks, Pesticides.

4930-69

EFFECT OF ULTRAVIOLET RADIATION ON THE OXIDATION OF CERTAIN KREBS CYCLE SUBSTRATES IN VIBRIO CHOLERAE.

N K Kapoor P Sagar S C Agarwala Indian J Biochem 2(4):237-240 REF

Dec 1965 QP501.I48 Bacteria, Biochemistry, Irradiation, Oxidation, Substrates, Tricarboxylic acid cycle, Ultraviolet rays, Vibrio comma.

PROTON MAGNETIC RESONANCE SPECTRA OF SOME PHENYL-PHOSPHORUS COM-POUNDS.

R Keat

Chem Indus (40):1362-1363

05 Oct 1968 382 M31C

Absorption spectra, Cell nucleus, Chemistry, Nuclear magnetic resonance, Organophosphorus compounds, Oxides, Phosphine, Phosphorus isotopes.

4932-69

SOME BIOCHEMICAL CHANGES TAKING PLACE IN THE COURSE OF THE TRANSFORMATION OF STREPTOMYCIN RESISTANCE IN STREPTOCOCCI. (RUS

A N Klimov M M Krasilnikova I M Terioshin Genetika 4(7):101-107 REF

1968 OH431.AIG4

Antibiotics, Bacteria, Biochemistry, Cells, Deoxyribonucleic acid, Immunity, Resistance, Ribonucleic acid, Streptococcus, Streptomycin. Resistance, English summary.

THE COMPARATIVE ACTIONS OF UREA AND THIOGLYCOLATE ON THE REPRESENTATIVE TOXIN OF BACILLUS THURINGIENSIS. (FR)

M-M Lecadet Acad Sci Compt Rend Ser D Sci Nat 264(24, 1ST SEMESTER):2847-2850

12 Jun 1967 505 P21

Bacillus thuringiensis, Biochemistry, Toxins, Urea.

VARIATION OF FLORISIL ACTIVITY: SIMPLE METHOD FOR MEASURING ADSORBENT CAPACITY AND ITS USE IN STANDARDIZING FLORISIL COLUMNS.

P A Mills

Ass Offic Anal Chem J 51(1):29-32

Jan 1968 381 AS7

Adsorption, Chromatography, Florisil, Hexane, Pesticide residues, Sodium sulfates.

SYNTHESIS OF SUBSTANCES RELATED TO GIBBERELLINS. PART XVIII. TOTAL SYNTHESIS OF (PLUS OR MINUS) GIBBERELLINS A A SUBSCRIPT 4, A SUBSCRIPT 9, AND A SUBSCRIPT 10.

K Mori M Shiozaki N Itaya T Ogawa M Matsui Y Sumiki

Tetrahedron Lett (18):2183-2188 REF

Mar 1968 385 T29

Chemical reactions, Chemicals, Chromatography, Gibberellins, Synthesis.

4936-69

INTRACELLULAR LOCALIZATION CHARACTERISTICS OF LA LACTATE DEHYDROGENASE ACTIVITY MONELLA TYPHOSA (NCTC 8385). OF

M M R Nasir C R K Murti

Indian J Biochem 2(4):225-229 REF

Dec 1965 QP501.I48

Bacteria, Biochemistry, Cells, Dehydrogenases, Lactates, Salmonella typhosa.

4937-69

A PRELIMINARY STUDY OF THE EXTRACTION OF PARATHION AND DIAZINON BY THE MILLS, ONLEY, GAITHER ACETONITRILE PROCEDURE.

M L Porter J A Burke

Ass Offic Anal Chem J 51(1):63-64

Jan 1968 381 AS7

Acetonitrile, Diazinon, Extraction, Kale. Parathion, Pesticide residues, Radioactivity, Spraying.

4938-69

TLC SPOTTING SOLVENT FOR AFLATOXINS.

L Stoloff A C Beckwith M E Cushmac

Ass Offic Anal Chem J 51(1):65-67

Jan 1968 381 AS7

Aflatoxin, Benzene, Chemical reactions, Chloroform, Chromatography, Ethyl alcohol, Silica gels.

4939-69

COMPOSITION ACID **PHOSPHATIDYL ETHANOLAMINE** OF MYCOBACTERIUM TUBERCULOSIS.

D Subrahmanyam

Indian J Biochem 2(4):274-275

Dec 1965 QP501.I48

Biochemistry, Fatty acids, Mycobacterium tu-berculosis, Phosphatidylethanolamine.

4940-69

EFFECTS OF CHEMICAL PRESERVATIVES AND STORAGE ON CONSTITUENTS USED TO CHARACTERIZE LEMON JUICE.

C E Vandercook H C Guerrero

Ass Offic Anal Chem J 51(1):6-10 REF

Jan 1968 381 AS7

Chemical reactions, Food preservatives, Lemons, Phenols, Potassium sorbate, Storage, Sulfur dioxide, Temperature.

4941-69

THEORY OF DISINFECTANT TESTING.

A H Walters

Chem Indus (40):1339-1341

05 Oct 1968 382 M31C

Antiseptics, Chemicals, Chemistry, Mathematical analysis, Research.

4942-69

EXTRACTION AND CLEANUP PROCEDURE FOR THE GAS CHROMATOGRAPHIC DETER-MINATION OF FOUR DINITROPHENOLIC PECTICIDES.

G Yip S F Howard

Ass Offic Anal Chem J 51(1):24-28

Jan 1968 381 AS7

Cleanup, Dinitro-o-sec-amylphenol, Dinitrobutylphenol, Dinitrocresol, Dinitrophenols, Extraction, Herbicides, Pesticide residues.

ENGINEERING

4943-69

AG FIRM CONCENTRATES ON WATERLESS SPRAYING.

Anonymous

Aerial Appl 6(8):6 Aug 1968 333.8 AE8

Aerial spraying, Aircraft, Chemical control (pests), Dosage, Economics, Insect pests, Rice.

AIRCRAFT OPERATIONS IN THE COLUSA PROJECT.

W E Burgoyne N B Akesson

Down Earth 24(2,FALL):7-10 MAP

1968 381 D75

Aerial spraying, Anopheles, Chemical control (insects), Culex, Culicidae, Dosage, Economics, Equipment, Helicopters, Insecticide application,

4945-69

THE MACHINERY GENERALLY USED FOR EFFICIENT STERILIZATION AND DISINFESTATION OF THE SOIL. (IT)

G Censi

Notiz Mal Piante (SER 3)(3/4):67-74

1967 464.8 N84

Animals, Chemical control (pests), Equipment, Fumigants, Plants, Soil fumigation, Soil microorganisms, Soil sterilization. English summary.

FOR A BETTER AND MORE PROFITABLE TECHNIQUE IN THE APPLICATION OF SOIL **FUMIGANTS. (IT)**

A Sprea

Notiz Mal Piante (SER 3)(3/4):253-258

1967 464.8 N84

Equipment, Nematodes, Pesticide application, Soil fumigation, Tractors. English summary.

INDUSTRY

4947-69

SOME FACTORS AFFECTING THE CHOICE OF MATERIALS FOR CHEMICAL PLANT EQUIPMENT.

A J P Tucker

Chem Proc 3(4,AUG-SEP):89-92

1968 TPi.S6

Chemicals, Construction materials, Corrosion, Economics, Engineering, Equipment, Industry, Temperature.

ECONOMICS

4948-69

HOW IAN HENDRIF IS STEERING SHELL INTERNATIONAL INTO EXPANDING PESTICIDE MARKETS.

Farm Chem 131(10):15-22

Oct 1968 57.8 AM3

International cooperation, Market development, Pesticides, Research.

NPCA CONFERENCE SPEAKERS HIT PCO PRICING METHODS.

Anonymous

Pest Contr 36(12):20-22,24,26,28,30

Dec 1968 449.8 EX8

Advertising, Agricultural organizations, Conferences, Management, Pest control operators, Price control.

SODIUM TRI-POLYPHOSPHATE CARRIED BY TANKER.

Anonymous

Chem Proc 3(4,AUG-SEP):102

1968 TP1.S6

Chemicals, Equipment, Sodium tripolyphosphate, Tank trucks, Transportation.

1969-PEST **CONTROL'S ECONOMIC** FORECAST.

Anonymous

Pest Contr 36(12):9-10,12,30-33

Dec 1968 449.8 EX8

Advertising, Agricultural statistics, Economic forecasting, Government aid, Housing, Pest control operators, Public relations, Sales, Surveys.

4952-69

THE PESTICIDE REVIEW.

Anonymus

Agr Chem 24(2):15-17

Feb 1969 381 AG8

Chemical control (insects), Chemical control (pests), Chemical control (plant diseases), Chemical control (weeds), Chemicals, Consumption, Fumigants, Fungicides, Herbicides, Insecticides, Manufacturing costs, Minerals, Pesticides, Sales, Silicates, Supply and demand.

4953.69

THE COTTON FARMER OF THE YEAR.

Cotton Farming Suppl Crops Mid-S Ed 11(10,NOV-DEC):18-19

1967 72.8 C8296

Agricultural economics, Cotton, Crop yields, Farmers.

4954-69

AN INVENTORY OF MARKET NEWS RE-PORTS FOR POULTRY.

F L Faber D E Stringer

USDA Econ Res Serv ERS (374):33P

Apr 1968 A281.9 AG83E Marketing costs, Poultry, Regions.

ON THE INFLUENCE OF EFFLUENT OF THE STARCH FACTORY UPON THE YUBETSU RIVER AND THE SHOKOTSU RIVER, AND OF EFFLUENT OF THE BEST FACTORY UPON THE BENTHIC ANIMALS IN THE ABASHIRI RIVER (HOKKAIDO).

K Gose

Jap J Ecol 17(4):137

Aug 1967 410 J272

Animals, Beets, Industrial wastes, Reproduction, Research, Starches. English summary

4956-69

WE CAN SOLVE INTERNATIONAL RESIDUE PROBLEM IF...

H Hurtig

Farm Chem 131(10):54.56,58

Oct 1968 57.8 AM3

Agricultural policies, Extension work, International cooperation, Pesticide residues.

4957-69

SOME PROBLEMS OF METHOD AND CONTENT IN WORKING-UP A FORECAST - DEMONSTRATED ON THE EXAMPLE OF THE PLANT PROTECTION- AND PESTICIDE MANUFACTURING INDUSTRY. (GE)

F Schapitz

Chem Tech 20(8):498-499

Aug 1968 384 C4283

Economic forecasting, Industry, Insecticides, Pest control, Plant protection.

4958-69

THE PRACTICAL USE OF AERIAL APPLICATION.

C M Voss

Agr Chem 23(3):25-28

Mar 1968 381 AG8

Aerial spraying, Agricultural regulation, Economics, Equipment, Pesticide application. This article is based on a talk by Dr. Voss at an Agricul-tural Chemical Workers Pest Control School, Aug. 29, at Penn. State Univ.

EDUCATION

4959-69

HOW TO PREVENT AND REMOVE MILDEW; HOME METHODS.

U S D A Home Gard Bull (68):1-13

Jul 1968 1 AG84HG

Absorption, Aluminum oxide, Calcium chloride, Fungi, Fungicides, Humidity, Mildew, Silica gels, Spraying.

4960-69

OUR STRUGGLE AGAINST PESTS.

Anonymous

Pest Contr Oper News 27(7):5-6,8,10

Jul 1967 SB951.A1P4

Accident prevention, Chemicals, Industry, Insect pests, Legislation, Pest control operators, Pesticides, Public health, Public relations, Research. This was part one of a two part article

REGULATIONS

WATER POLLUTION LAWS CALLED AMBIGUOUS WEAK.

Anonymous

Calif Cattleman 51(10):34

Nov 1968 43.8 C12

Agricultural legislation, Agricultural regulation, Degradation, Water analysis, Water pollution.

4962-69

PART II PROPOSED FOR PARAQUAT.

Anonymous

Phar J 201(5470):190

31 Aug 1968 396.8 P49

Chemical control (weeds), Death, Herbicides, Legislation, Paraquat, Pesticides, Poisons, Regulations. Changes in the poisons list and rules were

proposed.

4963-69

PLANT AND PROFIT IN '68.

A Ballinger

Cotton Farming Suppl Crops Mid-S Ed 11(10,NOV-DEC):10,15

1967 72.8 C8296

Agricultural economics, Agricultural legislation, Agricultural regulation, Cotton, Crop yields, Plant-

4964-69

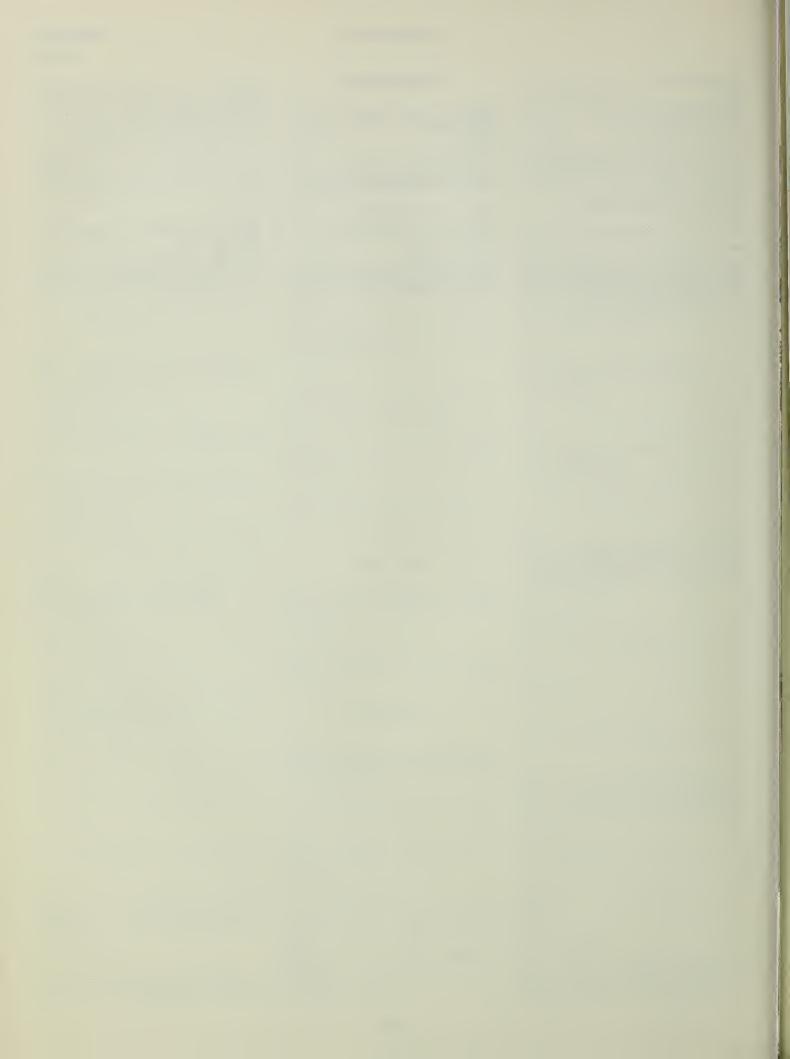
THE LAW AND THE USE OF PESTICIDES.

W Carlson

Ill Agr Econ 8(2):9-16

Jul 1968 281.9 IL1

Aerial spraying, Agricultural regulation, Chemical control (weeds), Farmers, Herbicides, Legislation, Pesticides, Plant protection.



| ABDOMEN The presence of volatile fatty acids in the gut of a higher termite (Microcerotermes edentatus | Contribution to the biological study of the Diptera Sarcophagidae, parasites of acridids. The biological cycle of Blaesoxipha rossica Vill., in- | Study of the virus disease of Neodiprion swainer Midd. and results of its aerial dispersion. 4758 |
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| Was., Amitermitinae). | jection of larvae in the body of the host by the female Sarcophagidae. | Chemical weed control and defoliation in potato fields. In: Collection of reports given at the Inter- |
| ABIES ALBA First occurrence of balsam woolly aphid in the interior of British Columbia. | DNA synthesis in the neo-X neo-Y sex deter- | national Herbicide Conference, Prague, June 21- 24, 1966. 4775 |
| 4441 | mination system of Dichroplus bergi (Orthoptera: Acrididae). | Persistence and movement of parathion in irriga- |
| ABIES CONCOLOR First occurrence of balsam woolly aphid in the interior of British Columbia. | Synapsis and crossing over within a paracentric | tion waters. 4871 |
| 4441 | inversion in the grasshopper, Camnula pellucida. 4644 | Effects of low volume aerial spraying of Dursban and fenthion on fish. |
| ABIES LASIOCARPA First occurrence of balsam woolly aphid in the interior of British Columbia. | Some pests of ornamental plants in Madras. 4735 | A look at the plant pest control divison. |
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| Intestinal transport and metabolism of D-amino acids in the silkworm, Bombyx mori L. | traction exercised by female Acrolepia assectella Zeller. 4587 | 4943 Aircraft operations in the Colusa project. |
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| ABSORPTION SPECTRA Proton magnetic resonance spectra of some | ACULEATA 4667 | 4964 AFLATOXIN |
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| ACARI Chelacheles michalskii n. sp. (Acari, | 4567 ACYRTHOSIPHON PISUM | 4928 TLC spotting solvent for aflatoxins. |
| Cheyletidae). | Aphidius smithi Sharma and Subba Rao (Hymenoptera: Aphidiidae) a parasite of the pea | 4938 |
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| dosage ordinance. 4897 | in the morphogenesis and histo-cytological development of two Chermesidae galls. Placed in | AGAR A new culture method for Rhynchosciara. |
| ACARINA The discovery in France of the Acarina Nemata- | evidence by the achievement of two similarly mixed galls. | 4563 Studies on the application of electrophoresis to |
| lycidae Strenzke while organizing the material from Languedoc-Rousillon. | ADELGES PICEAE First occurrence of balsam woolly aphid in the | the isolation of RNA infective fractions from tobacco plants infected with the potato virus X. |
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| Use insecticides safely. | Variation of Florisil activity: Simple method for measuring adsorbent capacity and its use in stan- | AGGLUTINATION |
| Our struggle against pests. | dardizing Florisil columns. 4934 | Serum antibody to Salmonella flagellar antigens. I. Methods of antibody assay. 4850 |
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| Incorporation of tritium-acetamide and tritium- thymidine into the eye disks of Drosophila melanogaster. | methods. 4949 | A criterion of transformation for age-weight data on insect larval growth. 4481 |
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| Attractant and feeding responses of hickory suckworm larvae to certain extracts of pecan | AL. ES Mosquito pollination of Habenaria obtusata | the intermediate host, Tribolium confusum. |
| shucks. 4514 | (Orchidaceae). | Red rot in residual ponderosa pine stands on the Navajo Indian Reservation. |
| ACETONITRILE A preliminary study of the extraction of | AEDES AEGYPTI Spermiogenesis in Aedes aegypti (L.). | 4663 Changes in fungi with age. iv. Role of coenzymes |
| parathion and Diazinon by the Mills, Onley, Gaither Acetonitrile Procedure. | 4536 An evaluation of the effects of the Aedes aegypti | in the respiratory decreases in Rhizoctonia solani and Sclerotium bataticola. |
| ACHETA DOMESTICUS | eradication program on wildlife in South Florida. 4884 | 4669 AGONUM MUELLERI |
| Tritium labelling and cytochemistry of extra DNA in Acheta. | AERIAL FERTILIZING Fertilization of semi-mature stands in Newfoun- | Distribution and distributional centers of North Atlantic insects. |
| ACHROIA GRISELLA | dland. 4652 | AGRICULTURAL ECONOMICS 4407 |
| Susceptibility of different stored-products moth larvae to Bacillus thuringiensis. 4867 | Al'RIAL SPRAYING A comparative study on the effects of aerial ver- | Annual report of the Department of Agriculture for the year 1962/63. (II). |
| ACID PHOSPHATASE Studies of serum enzymes in swine infected by | sus ground spraying of poisoned baits against the Mediterranean fruit fly on the natural enemies of | 4665 New fungicide promises effective and economi- |
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| New species of Meubelia Willemse, 1932, from the Philippines (Orthoptera: Pyrgomorphidae). 4400 | al spraying. | for the year 1962/63. (II). |
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Some pests of ornamental plants in Madras.

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| Staphylococcal intoxication of young suckling whelps. | the International Herbicide Conference, Prague, June 21-24, 1966. | ANTIOXIDANTS On the antioxidative mechanism of alpha-, beta-, |
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CHOLESTEROL

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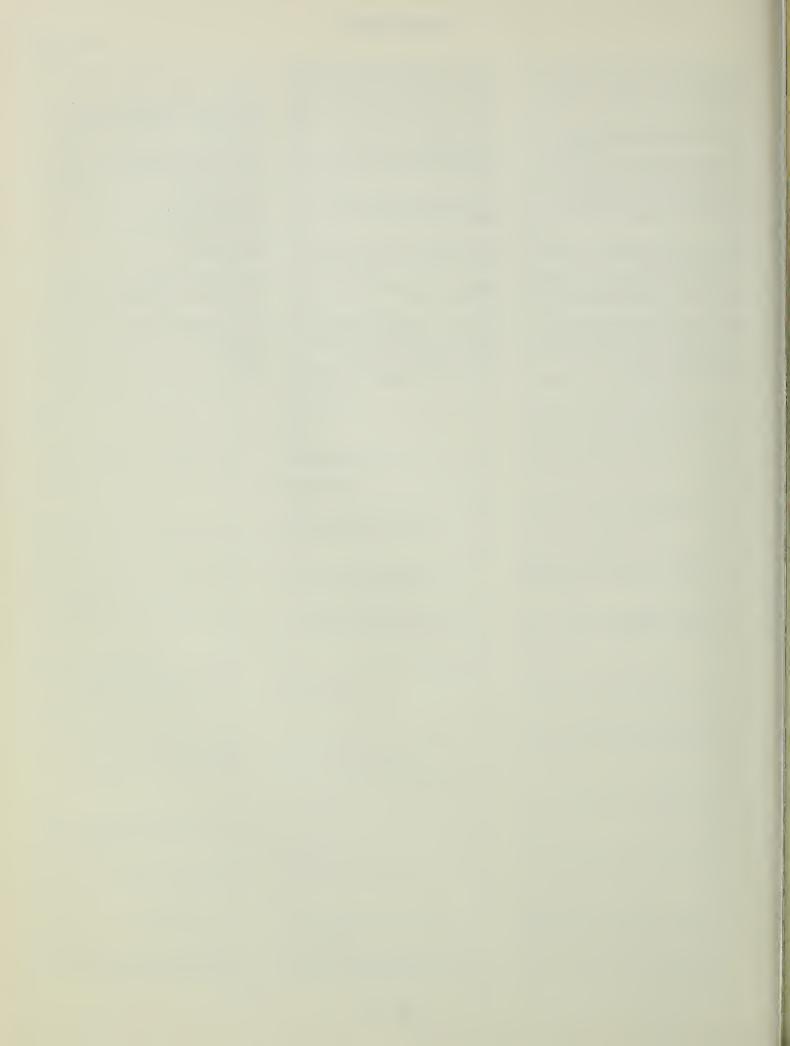
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